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GEETHANJALI INSTITUTE OF SCIENCE AND TECHNOLOGY
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3rd Mile, Bombay Highway, Gangavaram (V), Kovur(M), SPSR Nellore (Dt), Andhra Pradesh, India- 524137

BONA FIDE CERTIFICATE

This is to certify that the project work entitled "A COMPARATIVE STUDY OF SUPERVISED MACHINE LEARNING ALGORITHMS FOR CREDIT CARD FRAUD DETECTION" is a bonafide record done by A.SRI BHARGAVI (172U1A0501), K.MANASA LAKSHMI (172U1A0524), N.USHA RANI (172U1A0536), G.NIRUPA (172U1A0519), in the department of Computer Science & Engineering, Geethanjali Institute of Science and Technology, Nellore and is submitted to Jawaharlal Nehru Technological University, Anantapur in the partial fulfillment for the award of B.Tech degree in Computer Science & Engineering. This work has been carried out under my supervision.

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GANGAVARAM (V), KOVUR (M),
S.P.S.R. Nellore Dt., A.P. Pin : 524 137

Submitted for the Viva-Voce Examination held on 21-07-2021

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BONAFIDE CERTIFICATE

This is to certify that the project work entitled "SECURE AND EFFICIENT DYNAMIC VERIFIABLE DATABASE SCHEME IN CLOUD BASED EHR SYSTEM" is a bonafide record done by CH.HARIKA(172U1A0511), B.MANJULATHA(172U1A0502), P.VENKATA RAJA VARSHITHA(172U1A0543), K.REEMA SINGH(172U1A0525), in the department of Computer Science & Engineering, Geethanjali Institute of Science and Technology, Nellore and is submitted to Jawaharlal Nehru Technological University, Anantapur in the partial fulfillment for the award of B.Tech degree in Computer Science & Engineering. This work has been carried out under my supervision.

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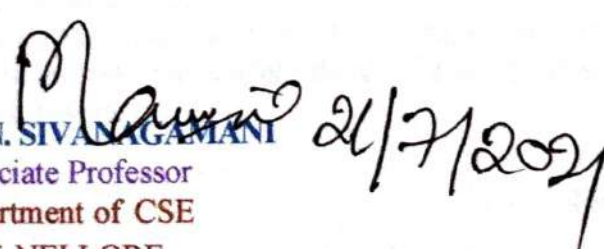
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BONAFIDE CERTIFICATE

This is to certify that the project work entitled "AN EFFICIENT CERTIFICATELESS 0-RTT ANONYMOUS AKA PROTOCOL AGAINST BAD RANDOMNESS" is a bonafide record done by B.SUSHMA(172U1A0506), R.KALA SRAVANI(172U1A0545), K.SEEMA SINGH(172U1A0526), in the department of Computer Science & Engineering, Geethanjali Institute of Science and Technology, Nellore and is submitted to Jawaharlal Nehru Technological University, Anantapur in the partial fulfillment for the award of B.Tech degree in Computer Science & Engineering. This work has been carried out under my supervision.


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BONAFIDE CERTIFICATE

This is to certify that the project work entitled "BITCOIN PRICE PREDICTION USING MACHINE LEARNING TECHNIQUES" is a bonafide record done by O.SUJAY KUMAR (172U1A0537), N.VARSHITH KUMAR (172U1A0535), G.MAHESH (172U1A0515), SK.WAJID (172U1A0549), in the department of Computer Science & Engineering, Geethanjali Institute of Science and Technology, Nellore and is submitted to Jawaharlal Nehru Technological University, Anantapur in the partial fulfillment for the award of B.Tech degree in Computer Science & Engineering. This work has been carried out under my supervision.

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BONAFIDE CERTIFICATE

This is to certify that the project work entitled "IOT BASED PATIENT HEALTH MONITORING SYSTEM" is a bonafide record done by R.JAYAKEERTHI(172U1A05A5), A.SUPRAJA(172U1A0564), CH.SAI SRI DURGA (172U1A0568), M.KAVYA(172U1A0599), in the department of **Computer Science & Engineering, Geethanjali Institute of Science and Technology, Nellore** and is submitted to Jawaharlal Nehru Technological University, Anantapur in the partial fulfillment for the award of **B.Tech degree in Computer Science & Engineering**. This work has been carried out under my supervision.

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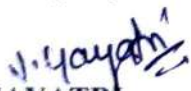
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BONAFIDE CERTIFICATE

This is to certify that the project work entitled "EARTHQUAKE PREDICTION USING RANDOM FOREST ALGORITHM AND BOOSTING METHOD" is a bonafide record done by R.VINEESHA(172U1A05A4), R.SAI PADMAJA(172U1A05A6), CH.HARSHITHA (182U5A0503), K.HARSHITHA (172U1A0592) in the department of Computer Science & Engineering, Geethanjali Institute of Science and Technology, Nellore and is submitted to Jawaharlal Nehru Technological University, Anantapur in the partial fulfillment for the award of B.Tech degree in Computer Science & Engineering. This work has been carried out under my supervision.


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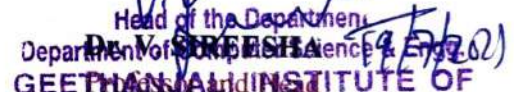
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BONA FIDE CERTIFICATE

This is to certify that the project work entitled "PREDICTING CROP YIELD IN INDIAN AGRICULTURE USING ENSEMBLE LEARNING MODEL" is a bonafide record done by **G.SOWKYA (172U1A0575), V.POOJITHA (172U1A05B8), V.NIHARIKA (172U1A05B6), SK.AMEENA (172U1A05A9), V.SAI TEJASWI (172U1A05B9)** in the department of **Computer Science & Engineering, Geethanjali Institute of Science and Technology, Nellore** and is submitted to Jawaharlal Nehru Technological University, Anantapur in the partial fulfillment for the award of **B.Tech degree in Computer Science & Engineering**. This work has been carried out under our supervision.


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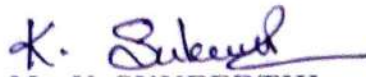
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BONAFIDE CERTIFICATE

This is to certify that the project work entitled "IMPLEMENTAION AN EFFICIENT DATA PRIVACY SCHEMA USING DEEP PACKET INSPECTION IN CLOUD" is a Bonafide record done by V.BHARGAV (172U1A05B7), G.SUMANTH (172U1A0576), SK.SULTAN (172U1A05B2), E.NIKHIL TEJA (172U1A0573), in the department of Computer Science & Engineering, Geethanjali Institute of Science and Technology, Nellore and is submitted to Jawaharlal Nehru Technological University, Anantapur in the partial fulfillment for the award of B.Tech degree in Computer Engineering. This work has been carried out under our supervision.

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BONAFIDE CERTIFICATE

This is to certify that the project entitled " COVID-19 FUTURE FORECASTING USING TIME SERIES MACHINE LEARNING MODELS" is a bonafide record done by **J.BHAVANI (172U1A0520)**, **P.BHAVANA (172U1A0542)**, **P.DIVYA (172U1A0540)**, **S.MEGHALAVANI (172U1A0550)** in the department of **Computer Science & Engineering, Geethanjali Institute of Science and Technology, Nellore** and is submitted to Jawaharlal Nehru Technological University, Anantapur in the partial fulfillment for the award of **B.Tech degree in Computer Science & Engineering**. This work has been carried out under our supervision.


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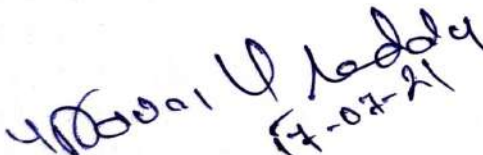
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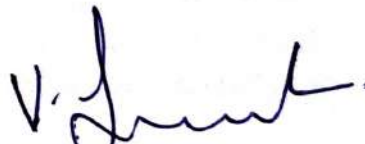
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BONAFIDE CERTIFICATE

This is to certify that the project work entitled "**GROUP DATA SHARING IN CLOUD ENVIRONMENT USING ENHANCED THRESHOLD MULTI-KEYWORD SEARCH SCHEME**" is a bonafide record done by **SD.SHAZIYA (172U1A0554), M.DIVYA SREE (172U1A0533), B.RESHMA (172U1A0504), M.SANDHYA (172U1A0527)**, in the department of Computer Science & Engineering, Geethanjali Institute of Science and Technology, Nellore and is submitted to Jawaharlal Nehru Technological University, Anantapur in the partial fulfillment for the award of B.Tech degree in Computer Science & Engineering. This work has been carried out under my supervision.


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BONAFAIDE CERTIFICATE

This is to certify that the project work entitled "DIABETES PREDICTION USING MACHINE LEARNING BASIC AND ENSEMBLE ALGORITHMS - PERFORMANCE VISUALIZATION OF REALTIME DATASET" is a bonafide record done by M.YATHISHA LAKSHMI (172U1A0529), S.LOHITHA (172U1A0551), CH.LAKSHMI PRIYA (172U1A0508), T.NIVEDITHA (172U1A0558), in the department of Computer Science & Engineering, Geethanjali Institute of Science and Technology, Nellore and is submitted to Jawaharlal Nehru Technological University, Anantapur in the partial fulfillment for the award of B.Tech degree in Computer Science & Engineering. This work has been carried out under my supervision.



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This is to certify that the project work entitled "SECURE ACCESS MECHANISM FOR CLOUD SERVICES USING BIOMETRIC BASED AUTHENTICATION" is a bonafide record done by D.SREEJA (172U1A0513), G.RUCHITHA (172U1A0517), G.LASYA SREE(172U1A0516), K.SRI VAISHNAVI (173E1A0507), in the department of Computer Science & Engineering, Geethanjali Institute of Science and Technology, Nellore and is submitted to Jawaharlal Nehru Technological University, Anantapur in the partial fulfillment for the award of B.Tech degree in Computer Science & Engineering. This work has been carried out under my supervision.

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BONA FIDE CERTIFICATE

This is to certify that the project work entitled "PERFORMANCE COMPARISON OF DIFFERENT CLASSIFICATION ALGORITHMS FOR CRIME PREDICTION" is a bonafide record done by **K.SARVANI(172UIA0585), CH.VYSHNAVI (172UIA0565) , CH.BHAVANA(172UIA0567) K.SOWMYA (172UIA0580)** in the department of **Computer Science & Engineering, Geethanjali Institute of Science and Technology, Nellore** and is submitted to Jawaharlal Nehru Technological University, Anantapur in the partial fulfillment for the award of **B.Tech degree in Computer Science & Engineering**. This work has been carried out under my supervision.

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This is to certify that the project work entitled "SECURE KEYWORD SEARCH AND DATA SHARING MECHANISM FOR CLOUD COMPUTING" is a bonafide record done by V.AKHILA (182U5A0505), K.NANDINI (172U1A0590), T.POORVA SINDHU (182U5A0504), T.KEERTHI (172U1A05B4) in the department of **Computer Science & Engineering, Geethanjali Institute of Science and Technology, Nellore** and is submitted to Jawaharlal Nehru Technological University, Anantapur in the partial fulfillment for the award of **B.Tech degree in Computer Science & Engineering**. This work has been carried out under my supervision.


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Submitted for the Viva-Voce Examination held on 21-07-2021


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BONA FIDE CERTIFICATE

This is to certify that the project work entitled "A DEMONSTRABLE SEARCHING BY SYNTACTIC SCHEMES ON PROTECTED DATA USING EFFECTIVE MATCHING TECHNIQUE" is a bonafide record done by MD.SHAHABAZ (172U1A0596) P.SAIKRISHNA (172U1A05A1), SK.JUNAID (172U1A05B0) in the department of Computer Science & Engineering, Geethanjali Institute of Science and Technology, Nellore and is submitted to Jawaharlal Nehru Technological University, Anantapur in the partial fulfillment for the award of B.Tech degree in Computer Science & Engineering. This work has been carried out under my supervision.

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BONA FIDE CERTIFICATE

This is to certify that the project work entitled "A Secure and Efficient Cloud Data Transfer and Deletion Using counting Bloom filter" is a bonafide record done by M. KARTHIK (172U1A0597), MD.SHAREEF (172U1A0594), M.VAMSI KRISHNA SAVARKAR (172U1A0598), SK.ALTHAF(172U1A05A8), in the department of Computer Science & Engineering, Geethanjali Institute of Science and Technology, Nellore and is submitted to Jawaharlal Nehru Technological University, Anantapur in the partial fulfillment for the award of B.Tech degree in Computer Science & Engineering. This work has been carried out under my supervision.


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BONA FIDE CERTIFICATE

This is to certify that the project work entitled “ ANALYSING DATA FOR OPTIMIZED PREDICTION IN HEALTH CARE USING MACHINE LEARNING ALGORITHMS “ is a bonafide record done by CH. JYOTHSNA(172U1A0510), T.VENNELA (172U1A0559), T.SWAPNA (172U1A0557) , G. ANUSHA (172U1A0518) , in the department of **Computer Science and Engineering**, Geethanjali Institute of Science and Technology, Nellore and is submitted to Jawaharlal Nehru Technological University, Anantapur in the partial fulfillment for the award of **B.Tech degree in Computer Science and Engineering**. This work has been carried out under my supervision.


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BONAFIDE CERTIFICATE

This is to certify that the project work entitled "EFFICIENT DATA MIGRATION MODEL AND KEY AGREEMENT SCHEME FOR PEER-TO-PEER CLOUD" is a bonafide record done by SD.SUMAYYA MUSKAN(172U1A0555), P.GREESHMA(172U1A0539), N.RAJESWARI (172U1A0534), P.VEENA VAHNIKA (172U1A0541), in the department of **Computer Science & Engineering, Geethanjali Institute of Science and Technology, Nellore** and is submitted to Jawaharlal Nehru Technological University, Anantapur in the partial fulfillment for the award of **B.Tech degree in Computer Science & Engineering**. This work has been carried out under my supervision.

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BONAFIDE CERTIFICATE

This is to certify that the project work entitled “DEVELOPMENT OF MEDICAL TREATMENT SYSTEM USING NON DETERMINISTIC FINITE AUTOMATA” is a bonafide record done by D. SAKETH(172U1A0512) CH. VISHNU VARDHAN(172U1A0509) SK. ABDUL RAQEEB(172U1A0547) P.LOKESH(182U5A0502) in the department of Computer Science & Engineering, Geethanjali Institute of Science and Technology, Nellore and is submitted to Jawaharlal Nehru Technological University, Anantapur in the partial fulfillment for the award of B.Tech degree in Computer Science & Engineering. This work has been carried out under my supervision.

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BONA FIDE CERTIFICATE

This is to certify that the project work entitled "SUPERVISING PRIVACY AND SECURITY IN CASHLESS SOCIETY THROUGH BLOCKCHAIN TECHNOLOGY" is a bonafide record done by P.SAI MOUNIKA (172U1A05A2), K.SRI VARSHA (172U1A0586), CH. SUSHMA (172U1A0566), G. SHALINI (172U1A0574) in the department of Computer Science & Engineering, Geethanjali Institute of Science and Technology, Nellore and is submitted to Jawaharlal Nehru Technological University, Anantapur in the partial fulfillment for the award of B. Tech degree in Computer Science & Engineering. This work has been carried out under my supervision.

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BONAFIDE CERTIFICATE

This is to certify that the project work entitled "SECURE AND EFFICIENT SEARCH SCHEME FOR ENCRYPTED IMAGES USING KNN SEARCH IN CLOUD ENVIRONMENT" is a bonafide record done by K.JYOTHSNA(172UIA0584), K.SAI LEKHANA (172UIA0588), V.SAI NITHISHA(172UIA05B5) K.SANDHYA RANI (172UIA0591) in the department of Computer Science & Engineering, Geethanjali Institute of Science and Technology, Nellore and is submitted to Jawaharlal Nehru Technological University, Anantapur in the partial fulfillment for the award of B.Tech degree in Computer Science & Engineering. This work has been carried out under the supervision of

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BONAFIDE CERTIFICATE

This is to certify that the project work entitled "PRIVACY PRESERVING AND VERIFIABLE DATA SHARING SCHEMA USING CP-ABE AND BLOCKCHAIN TECHNOLOGY IN VEHICULAR SOCIAL NETWORKS" is a bonafide record done by **D.VIDYA REDDY (172U1A0570), N.PRAVALLIKA (172U1A05A0), K.MOUNIKA (172U1A0579), T.VENKATA SUKANYA (172U1A05B3)** in the department of **Computer Science & Engineering, Geethanjali Institute of Science and Technology, Nellore** and is submitted to Jawaharlal Nehru Technological University, Anantapur in the partial fulfillment for the award of **B.Tech degree in Computer Science & Engineering**. This work has been carried out under our supervision.




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BONA FIDE CERTIFICATE

This is to certify that the project work entitled "IOT BASED WEATHER MONITORING SYSTEM" is a bonafide record done by A.SAITEA(172U1A0562), M.BHARATH KUMAR(172U1A0593), S.BHARGAV RAO(172U1A05A7), in the department of Computer Science & Engineering, Geethanjali Institute of Science and Technology, Nellore and is submitted to Jawaharlal Nehru Technological University, Anantapur in the partial fulfillment for the award of B.Tech degree in Computer Science & Engineering. This work has been carried out under my supervision.

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BONAFIDE CERTIFICATE

This is to certify that the project work entitled “PLANT LEAF ABNORMALITY DETECTION AND CLASSIFICATION USING CONVOLUTION NEURAL NETWORKS” is a bonafide record done by S. KUNDANAPREETHI (172U1A0552), P. ANUSHA (172U1A0544), K. JAHNAVI (172U1A0523), SD. THASLEEM (172U1A0556), in the department of **Computer Science & Engineering**, Geethanjali Institute of Science and Technology, Nellore and is submitted to Jawaharlal Nehru Technological University, Anantapur in the partial fulfillment for the award of **B.Tech degree in Computer Science & Engineering**. This work has been carried out under my supervision.



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BONA FIDE CERTIFICATE

This is to certify that the project work entitled "COLLEGE CAMPUS GRIEVANCE MANAGEMENT SYSTEM" is a bonafide record done by **B.YASASWINI SAI AKHILA (172U1A0505)**, **K.SUSHMA (172U1A0522)**, **G.SAIKUMARI (172U1A0514)**, **SK.CHANDINI (172U1A0548)**, in the department of Computer Science & Engineering, Geethanjali Institute of Science and Technology, Nellore and is submitted to Jawaharlal Nehru Technological University, Anantapur in the partial fulfillment for the award of B.Tech degree in Computer Science & Engineering. This work has been carried out under my supervision.

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BONAFIDE CERTIFICATE

This is to certify that the project work entitled "FINDING BIPOLAR DISORDERS USING MACHINE LEARNING ALGORITHMS" is a bonafide record done by K. GEETHANJALI (172U1A0521), M. BHAVITHA (172U1A0531), M. PRIYANKA (172U1A0528), T. VANDANA (172U1A0560), in the department of Computer Science & Engineering, Geethanjali Institute of Science and Technology, Nellore and is submitted to Jawaharlal Nehru Technological University, Anantapur in the partial fulfillment for the award of B.Tech degree in Computer Science & Engineering. This work has been carried out under our supervision.

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BONAFAIDE CERTIFICATE

This is to certify that the project work entitled “**IMPROVED SECURITY USING FOGBASED ENCRYPTED CONTROL SYSTEM**” is a bonafide record done by **P.NAVEEN KUMAR REDDY** (172U1A0538), **M.PRUDHVI** (172U1A0532), **CH.MUNI RAJA** (172U1A0507), **J.C.VINOD KUMAR** (182U5A0501), in the department of **Computer Science & Engineering, Geethanjali Institute of Science and Technology, Nellore** and is submitted to **Jawaharlal Nehru Technological University, Anantapur** in the partial fulfillment for the award of **B. Tech degree in Computer Science & Engineering**. This work has been carried out under my supervision.

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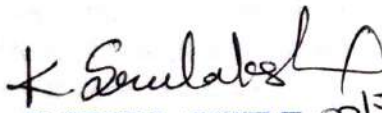
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This is to certify that the project entitled “ **Real-Time Facemask Detection and Alert System using Artificial Intelligence**” is a bonafide record done by **S.SIVA SANKAR (172U1A0546)** , **B.DEEPAK SURYA (172U1A0503)** , **M.ABHILASH CHOWDARY (172U1A0530)**, **SD.HASHIM HUSSAIN (172U1A0553)** in the department of **Computer Science & Engineering, Geethanjali Institute of Science and Technology, Nellore** and is submitted to Jawaharlal Nehru Technological University, Anantapur in the partial fulfilment for the award of **B.Tech degree in Computer Science & Engineering**. This work has been carried out under my supervision.


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BONAFIDE CERTIFICATE

This is to certify that the project work entitled "**BREAST CANCER DIAGNOSIS USING MACHINE LEARNING TECHNIQUES**" is a bonafide record done by **G.BHARATHI (172U1A0577), K.LALITHA HANSIKA (172U1A0589), MD.ANEES SULTANA (172U1A0595), D.KEERTHANA (172U1A0572)** in the department of Computer Science & Engineering, Geethanjali Institute of Science and Technology, Nellore and is submitted to Jawaharlal Nehru Technological University, Anantapur in the partial fulfillment for the award of B.Tech degree in Computer Science & Engineering. This work has been carried out under my supervision.



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