Dipnarayan Das

Personal Information

Date of Birth: **12th August, 1997**
Address: **East Side of Krishna Sayer Park, P.O-Rajbati, Burdwan- 713104, West Bengal, India**
Contact Number: **+91-9083771612**
Email ID: **dipnarayan.das35@gmail.com**

Current Position

Masters in Computer Science & Engineering at National Institute of technology, Durgapur.

Interests

R&D, Information Security, Embedded System Development, Machine learning & Web Development.

Education (Full Time)

Qualification	Board/University	Year	Score (Percentage)
B.E (Computer Science Engineering)	University Institute of Technology, The University of Burdwan	2015-2019	72.4
Higher Secondary	Sri Ramkrishna Saradapith Uchacha Vidyalaya (WBCHSE)	2014-2015	84.2
Secondary	Sri Ramkrishna Saradapith Uchacha Vidyalaya (WBBSE)	2012-2013	83.4

Other Qualifications

1. Diploma in **"Project Management – Revised 2017"** in 2018 from Alison [Cert No: 1266-7074882].
2. **2020 GATE CS & IT Qualified**

Experiential Learning (Summer Training Program)

Company Name: **Durgapur Steel Plant (SAIL)**
Project Title: **CHRD (Center for Human Resource Development)**
Duration: **One month (15/01/2018 – 25/01/2018)**

Work Experience

Role	Organization	Duration
Junior Research Fellow (WBDST Funded Scholar)	National Institute of Technology Durgapur	21/10/2020 – 11/08/2021
Full Stack Developer	Pranamita Technology LLP	08/07/2019 – 18/10/2020

Internships

1. Web Development Internship for position of Web Developer at Services4Startup [Verification ID – 1020INTAND1231][Email: corporate@service4startup.co.in]
2. Animation Internship at Scripteam

IT Proficiency

1. **Microsoft Office Tools**
2. **Programming Languages:** C, C++, Python
3. **Frameworks:** Angular, Ionic, ReactJS, React Native, Electron
4. **Technology:** Web (HTML, CSS, JavaScript, PHP, jQuery, NodeJS, Python), Software GUI (Python, Electron)
5. **General and Graphical Applications:** Adobe Tools, Blender
6. **Embedded Systems:** ARDUINO, NODEMCU, RASPBERRY PI & FPGA
7. **Others:** Cognitive Load

Awards and Achievements

1. 1st Position in All India Inter Engineering College Academic Meet 2017 & Innovative Model Competition For A Sustainable Society [Model Name: Kalpana – An Emotion-Cum-Chat Bot]
2. Award For Academic Excellence [Indo Global Skills Summit & Expo 2017][Indus Foundation]
3. 2nd in West Bengal State Science & Technology Congress 2017 (Western Region) [Poster Title: GRAVITY – Global Real-time Autonomous Vehicle Intelligent Tracing Yosemite System]
4. 2nd Position in All India Inter Engineering College Academic Meet 2017 & Innovative Model Competition For A Sustainable Society [Model Name: OM: A Semi Automated Artificially Intelligent Environment]
5. 2nd in UTKRISHT 2018 [Event Name: Code-A-Bot]
6. Certificate of Participation in the "Exceptional Science Model Prepared by Non-Student Category" of West Bengal State Student-Youth Science Fair 2018.
7. 3rd in West Bengal State Science & Technology Congress 2018 (Southern Region) [Poster Title: Smart Wheel Chair for a Physically Challenged Person who Cannot Speak and Move]
8. 1st in West Bengal State Science & Technology Congress 2019 (State Level) [Paper Title: Smart Wheel Chair for a Physically Challenged Person who Cannot Speak and Move]
9. **Outstanding Paper Award in Engineering in West Bengal State Science & Technology Congress 2019 (State Level) [Paper Title: Smart Wheel Chair for a Physically Challenged Person who Cannot Speak and Move]**
10. 1st Position in All India Inter Engineering College Academic Meet 2019 & Innovative Model Competition For A Sustainable Society [Model Name: Smartle: Smart Rechargeable Bottle-cum-Flask]
11. 1st Position in All India Inter Engineering College Academic Meet 2019 & Innovative Model Competition For A Sustainable Society [Paper Name: Neural Communicator]
12. **One & only Winner for the Problem Statement: "Quick accident response" in Bengalathon 2019 from all over India.**
13. **Received "Innovator Award" in West Bengal State Science & Technology Congress 2020.**

Industry Projects

1. Profers (Online Party Booking)(Website & App)
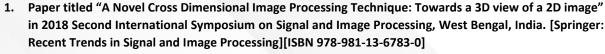   Technologies:
   Angular 2, JQuery, PHP, JSON
   Link: www.profers.com

2. TheAltsVault (Website)
   Technologies:
   Angular 2, PHP, JSON

Research Publications

1. **Paper titled "A Novel Cross Dimensional Image Processing Technique: Towards a 3D view of a 2D image" in 2018 Second International Symposium on Signal and Image Processing, West Bengal, India. [Springer: Recent Trends in Signal and Image Processing][ISBN 978-981-13-6783-0]**
2. Paper titled "Towards a Text-Based Sentiment Analyzer for Predicting Author's Behaviour" in International Conference on Advancement in Science & Technology (2018).
3. Paper titled "IntelliNet: An Intelligent Delivery Network" in National Conference on Control, Signal Processing and Energy Systems (2018). [Springer]
4. Paper Titled "Twee: A Novel Text-To-Speech Engine" in 1st International Conference on Innovations in Computer Science (ICICS-2018). [IJCSE Journal] [E-ISSN: 2347-2693]
5. Paper Titled "Some Potential Remedial Measures to counter popular Cyber Attacks" in International Conference on Recent Advances in Informatics, Communication, Management, Health and Applied Sciences [RAICHMAS-2019].
6. Paper Titled "Towards a Novel Cross-media Encryption-cum-Obfuscation Technique" in 2nd National Conference "Information, Photonics and Communication" [IPC-2019]. [Springer]
7. **Paper Titled "Self-Monitoring Obfuscated IoT Network" in book: Security and Organization within IoT and Smart Cities [2020] [Taylor & Francis]**
8. **Paper Titled "IQRAR: AN INTELLIGENT, QUICK AND RAPID ACCIDENT RESPONSE SYSTEM" in CONTEMPORARY ISSUES IN COMPUTING, Volume: Topics in Intelligent Computing and Industry Design (ICID) 2(1) (2020) 109-113".**
9. **Paper titled "PUF based Lightweight Authentication and Key Exchange Protocol for IoT" in 18th International Conference on Security and Cryptography. [SECRYPT 2021]**
10. Paper titled "TOWARDS A NOVEL NEURAL REGRESSOR FOR AUTHORSHIP IDENTIFICATION AND PROFILING".
11. Paper titled "Electromagnetic Barrier System" in National Conference on Materials, Devices and Circuits In Communication Technology (MDCCT 2018), ISBN No. 978-81-88391-55-4, West Bengal, India (2018). [IETE]

Badge

1. Earned "Web Development" Badge in Know it, prove it Challenge from Microsoft in 2017.

Social

1. LinkedIn
2. GitHub
3. ResearchGate ORCID
4. Electronics stack exchange
5. Hacker One

Contribution

1. PyPI (Twee software engine package)
2. Kaggle (GPS less geo targeting dataset with LAC & CID)
3. Sourceforge (GUI Web Page Builder software)

Technical Seminars

1. Clean India (Venue– Burdwan Science Center, Burdwan, West Bengal, India)
2. Intelli-Food (Event– FOSET 2018)

Personal Details

Father's name:	Mr. Tarun Kumar Das
Mother's name:	Mrs. Shipra Das
Permanent Address:	East Side of Krishna Sayer Park, P.O- Rajbati, Burdwan- 713104
Nationality	Indian
Hobbies:	Zombie and Shooting Game Play, Digital Painting
Residence Contact Number:	+91-9002332990
Strength:	1. Always try to exploit the yield point of any problem.
	2. Ability to rapidly build relationship and set up trust.
	3. Adaptability to changing concepts, technology & dynamic environment.
Weakness:	1. Inability to blame anyone directly for their fault.
	2. Cannot tolerate the company of irresponsible people.
Languages Known:	Bengali- Mother Tongue
	Hindi- Intermediate
	English- Intermediate

Declaration

I hereby declare that all the aforementioned details are true to the best of my knowledge and I am completely responsible for the authenticity of the aforesaid facts.

Date: 20/10/2021