

Curriculum vitae



Subhamay Ganguly

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CAREER OBJECTIVE

- To work for an organization which provide me the opportunity to improve my skills and knowledge to grow along with the organization objective.
- To seek an entry-level position to begin my career in a high-level professional environment.
- Seeking a position in a company where I can launch my career and build a valuable skill set.

ACADEMICS

Degree / Certificate	School / College	Board / University	Year of Passing	Percentage
B.Tech(CSE)	Brainware University	Brainware University	2025	84.34% (Average of 5 semesters)
12th	Naktala High School	WB	2021	78%
10th	Naktala High School	WB	2019	81%

WORK EXPERIENCE

- **Currently Working as a Research and Development Intern in University of Calcutta (AKCSIT).**
15.06.2023 – Present (Notice Period – 15 days)

ACHIEVEMENT

- 2nd Runners-up in Intel Unnati Grand Challenge 2022.
- Conference papers in ICCRET-2022 (International Conference on Current Research And Engineering Technology) on the topic of Music Recommendation System based on Emotion Detection using Heart Rate and Stress Index.
- Conference papers in ICACIE-2022 (International Conference on Current Advance Computing and Intelligent Engineering) in collaboration with Springer on the topic of Music Recommendation System based on Emotion Detection using Heart Rate and Stress Index(Extended)
- AISC-2024 (International Conference on Artificial Intelligence & Sustainable Computing) – Ganguly S. et al “End-to-End Optical Character Recognition for Bengali Handwritten Words Using Custom EfficientNet”. (To be Presented)
- ICSTA-2023 (International Conference on Systems and Technologies for Smart Agriculture) - Ganguly S. et al “Evaluate Lip Reading using Deep Learning Techniques”. (Presented, To be Published)
- Patent published on the topic of “An AI Based System to Detect Different Skin Phenotypes and Moisture Levels” under the application number: 202231068125 A.
- 3 author of a patent on – “A Smart Soil Moisture Sensor and Watering System for Smart Agriculture and Method Theorem” (Published). Application Number: 202331049755 A

TECHNICAL SKILLS

- Programming Languages Known – C, C++, JAVA, Python, HTML, JavaScript, CSS, PHP, Node.js, Express.js, React.js, Mongo DB.
- Languages familiar with: Bengali, Hindi, English.
- Data Analysis with Pandas and Matplotlib.
- Image processing.
- Machine Learning.
- Full-Stack Web Development.
- Back-end development

PROJECTS

- **Developed a server-based system to represent the resistance histogram of carbon electrode used in aluminium ore extraction method using 4-probes method.**
- **An AI Based Automated System for Watershed Management and Water Monitoring in Irrigation**

- FauxShield – An Integrated Platform to detect deepfake Audios, Videos & Images
- Developed an own Voice Assistant.
- Worked on OpenCV: - Face detection app, car detection, object detection.
- Create a group chat app with the help of JAVA, it used peer-to-peer network for connection.
- Developed a notepad GUI using Tkinter.
- Developed a server-based Image Downloading app which can automatically change your desktop wallpaper after 10 mins.
- Developed a personal Terminal. A personal assistant is there to help any user.
- Crab disease detection with the help of Deep Learning, TensorFlow.

EXTRA CURRICULAR

- Workshop on basic HTML, CSS and JavaScript.
- Workshop on Machine Learning & Artificial Intelligence.
- Participated in Election-2023 organized by Election Commission of India
- Nominated for YUKTI Innovation Challenge 2023.
- Participated in Department of Science and Technology (DST), West Bengal workshop 2023.
- Participated an International Conference on entrepreneurship held on IIT KHARAGPUR
- Participated in Smart India Hackathon 2023.
- Good Industry level Research Practice at University
- Participated HacktoberFest and grab their swags, organized by Github.

STRENGTH

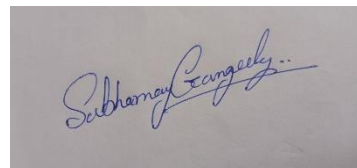
- Good listener
- Quick learner
- Dedicated
- Good English Speaking and Writing skills
- Ability to work in a team, and contribute to the team effort
- Analytical skills, problem-solving skills
- Interest in algorithm development & programming

PERSONAL DETAIL

- Date of Birth: 14/10/2002
- Nationality: Indian
- Language Known: English, Hindi, Bengali
- Address: - ANANDAPALLY (EAST) PURBA PUTIARY
KOL- 700093
- [GeeksForGeeks](#)
- [GitHub](#)
- [LinkedIn](#)

Date: 11/07/2024

Place: Kolkata

A handwritten signature in blue ink, appearing to read 'Sahamangal...'. The signature is written in a cursive style with a long horizontal stroke at the end.

Signature