

SAYAK BANERJEE

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CAREER OBJECTIVE

To be established as a Machine Learning Engineer/Software Developer Engineer in one of the leading companies of the world.

EDUCATION

Currently studying in 4th year of Bachelor of Technology in Electronics and Communication

GRADUATION: (JULY 2017- JULY 2021)

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|--------------------|--|------|------|------|------|----|-----|------|
| Course Description | B. Tech Course MAKAUT (formerly known as WBUT) Heritage Institute of Technology Electronics and Communication Engineering Department | | | | | | | |
| SEMESTER | I | II | III | IV | V | VI | VII | VIII |
| RESULT | 7.59 | 7.31 | 7.93 | 8.03 | 8.92 | | | |

SCHOOLING:

| DEGREE | INSTITUTION | BOARD | EXAMINATION | PERCENTAGE | YEAR |
|------------------|--------------------------------------|-------|-------------|------------|------|
| 10 th | MANSUR HABIBULLAH MEMORIAL SCHOOL | CISCE | ICSE | 95 | 2015 |
| 12 th | MANSUR HABIBULLAH | CISCE | ISC | 89.5 | 2017 |

TECHNICAL SKILLS

- **PROGRAMMING LANGUAGE** - Java, C / C++(Basics), Python (Machine Learning)
- **DOMAIN OF INTEREST**- Data Analysis, Machine Learning, Web Development
- **SIMULATION SOFTWARE** - Matlab, SPICE, Mentor Graphics
- **ELECTIVE CHOSEN**- Embedded Systems

PROJECTS

- **CrowdSafe**- A real-time crowd monitoring system using Tensorflow Object Detection API to ensure Social Distancing and track gatherings integrated in a Web-Application .
- **Park-It-Right**- A smart parking solution ensuring seamless ,automated parking of vehicles alongside an Android application for Pre-Booking of parking slots (Firebase).
- **Remote E-nose**- An android application to remotely control electronic nose(Machine) along with real time collection and plotting of sensor data on screen.
- **Intelligent Chabot**- A Chabot that can respond to user end queries using the Smart Document Understanding , Watson Discovery and Node-RED services provided by IBM.

ACCOMPLISHMENTS & CERTIFICATIONS

- Chairman - IEEE EDS Heritage Student Chapter. [2019-Present]
- Internship Mentor - IEEE HITK SBC for School Students
- Technical Lead - Google Developer Student Club , HITK
- Vice- President - Aeronautics Club ,HITK
- Co-ordinator - Entrepreneurship and Development Cell ,HITK
- Co-ordinator- NASA Space Apps Hackathon-2018
- Kolkata Section lead for IEEE Xtreme 2019.
- Hosted workshops in multiple colleges on Drone and its applications and autonomous robotics.
- Deep Learning courses by deeplearning.ai on Coursera
- "Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning " by deeplearning.ai on Coursera
- "Mathematics for Machine Learning" by Imperial College London on Coursera
- "Deep Learning A-Z" by SuperDataScience on Udemy
- Attended 3-day workshop on autonomous robotics organized by IIT-KGP.
- Represented South-Kolkata District in U-16 Inter District Cricket competition.

TRAININGS AND INTERNSHIPS

- **Training on " Machine Learning with Python" at Ogma Tech Labs Pvt. Ltd.-
(Dec 2018-Jan 2019)**
Applied data analysis, data pre-processing and Machine Learning models to the Diabetes dataset and compared the accuracy with different algorithms.
- **Research Intern at Jadavpur University-
(March 2020 - Present)**
Developed an android application to remotely control the e-nose a Rpi based sensor array.
- **Machine Learning Intern at ArcVision Technology Pvt. Ltd. -
(June 2020- Present)**
Working on industry based projects focussed on deep learning, computer vision and application development.
- **SmartBridge Education Pvt Ltd.-
(April 2020-May 2020)**
Developed a Smart Intelligent Chatbot using IBM Cloud Services.

STRENGTHS

- Leadership
- Team Work
- Public Speaking
- Patience

HOBBIES

- Playing Cricket
- Playing Drums

PERSONAL PROFILE

Date of Birth: 9th July, 1998

Gender: Male

Languages Known: English, Bengali, Hindi

Father's Name: Sanjoy Banerjee

Mother's Name: Sampa Banerjee

DECLARATION

I declare that the above information are true to the best of my knowledge and I bear the responsibility for the authenticity of the above-mentioned particulars

Date :29/06/2020

Place: Kolkata -----

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