ANARGHYA DAS

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EDUCATION

University at Buffalo, The State University of New York, *Advanced Honors College*   **May 2021**
Bachelor of Science in **Computer Science** *& Bachelor of Arts in* **Mathematics**
Overall GPA: 3.7/4.0
Achievements: International Admissions Scholarship, UB SEAS Fellowship, Dean's List, Winner at BigRedHacks'19.

WORK EXPERIENCE

Advance2000, Buffalo, NY   **May 2019 - December 2019**
Technical Development Support Intern
- Built a portal for Customers and Administrators to manage their Microsoft Partner Center Accounts. This improved customer experience and the time efficiency of administrators by 40%.
- Contributed to improving the Microsoft Partner Center API by sharing logs and feedback.
- Built using **C#, ASP.NET Core, SQL, Full Stack Web Development, Swagger, Git.**

Indian Space Research Organization, Kolkata, India   **May 2018 - July 2018**
Android Developer, Student Intern
- Created an android application which aimed to prevent dangerous railway accidents. The application tracked the location of the train in real-time and provided feedback to prevent any unforeseen accidents which reduced accidents related to bad weather.
- Built using **Java, XML, Python.**

LEADERSHIP EXPERIENCE

Resident Advisor   *August 2018 – Present*
- Served as liaison, programmer, and support to assigned floors of 26 residents. Conducted one on one meetings with each resident to provide personalized help and support. Planned fun and interactive events for the residents to make their campus living experience memorable which increased the overall on-campus population by 65%.

Student Advisory Board (SAB)   *October 2018 – Present*
- Planned and organized events for kids like CSE Kid's Day to expose them to various new technologies in a fun and interactive way. Helped students to interact and make connections with faculties in the Department of Computer Science which led to a positive increase in in-class participation.

Tutor at Upward Bound   *January 2019 – Present*
- Assisted high school students in learning Math and Computer Science. Developed games using Scratch, which helped students to learn introductory concepts of Computer Science and gain further interest in the field of STEM.

Club/Organization Leadership Positions   *January 2018 – Present*
- **Student Leader** for UB Inve[n|s]t, **Software Engineering Chair** for UB ACM, **Vice Chair** for Student Advisory Board (SAB), led the **Fun/Logistics team** in organizing the annual hackathon hosted by UB and a **CSE Peer Mentor** for a Freshman.

SOFTWARE PROJECTS

Project Casa: Processed user-submitted house addresses **(Geocoding API)** and recommended nearby houses **(Distance Matrix API)** that are less susceptible to natural disasters. Deployed the server on **IBM Cloud Foundry**. **(Python, Flask)**
Insta-Fetcher: Developed a bot, which can download specific posts or the complete Instagram profile of public accounts. It also has the ability to download posts based on various other filters. **(Python, Selenium, Flask, HTML, CSS, JS)**
Interactive Fractions: Developed a device, which would help kids to understand fractions in Math better. This project was a group effort and a part of the Engineering Intramural hosted by UB. Presented this project at the Celebration of Academic Excellence. **(Raspberry Pi, Python, Git)**

SKILLS

Software: *(proficient):* Python, C#, C, Java, C++, HTML/CSS, JavaScript, Git. *(familiar):* Dart, SQL, XML, PHP, Assembly.
Others: ASP.NET Core, Android Development, Linux/Unix, Flutter, Flask, Unity, Raspberry Pi, GraphQL, Google Cloud Platform.