ANARGHYA DAS

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Education

University at Buffalo (UB), The State University of New York, *Advanced Honors College* **May 2021**
*Bachelor of Science in **Computer Science** & Bachelor of Arts in **Mathematics***
Overall GPA: 3.71/4.0
Achievements: International Admissions Scholarship, UB SEAS Fellowship, Dean's List (2), Winner at BigRedHacks'19, Tau Beta Pi Member.

Research / Work Experiences

Center for Nursing Research (UB), Buffalo, NY **November 2020 - Present**
Student Assistant
- Developed an app-based mindfulness solution to reduce the stress and anxiety that nurses go through during the global pandemic.

Research and Economic Development (UB), Buffalo, NY **March 2020 - Present**
Lead Android Developer, PocketCare S
- Led a team of student developers to create PocketCare S, an application to monitor social distancing in organizations/workplaces.
- Researched ways to make the application secure, accurate, and reliable which led to a lot of interest from various organizations to adopt the application.
- Participated in IBM Call for Code 2020 and presented PocketCare S at IBM Z Day 2020 developer conference.

University at Buffalo, Buffalo, NY **January 2020 - Present**
Undergraduate Teaching Assistant
- Taught weekly interactive Calculus I, Computer Security recitations, and hosted office hours that helped students feel more comfortable about calculus and computer security.

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.
- Contributed to improving the Microsoft Partner Center API by sharing logs and feedback.

Indian Space Research Organization, Kolkata, India **May 2018 - July 2018**
Android Developer, Student Intern
- Created an android application that 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.

Leadership / Extracurricular Involvement

President - Student Advisory Board (SAB) ***August 2020 – Present***
- Organized events for the CSE Department. With the help of these events, students got an opportunity to interact and make connections with faculty and other SEAS clubs on-campus.

Vice President - UB Association for Computer Machinery (ACM) ***August 2020 – Present***
- Hosted technical workshops for CSE students so that they can gain additional knowledge outside of the classroom which helped them grow as a competent programmer.

Tutor - 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.

Publicity Co-Lead - UB Hacking ***December 2019 – October 2020***
- Planned publicity campaigns for UB Hacking which doubled the number of applications received for the event.

Resident Advisor/Community Assistant - Campus Living ***August 2018 – Present***
- Served as a liaison, programmer, and developed an inclusive community. Conducted one on one meetings with each resident to provide individual help and support.

Relevant Projects

Project Casa: Processed user-submitted house addresses **(Geocoding API)** and recommended nearby houses **(Distance Matrix API)** that are less susceptible to natural disasters. **(HTML, JavaScript, CSS, Python, IBM Cloud Foundry)**

Interactive Fractions: Developed a device, which would help kids to understand fractions in Math better. Presented this project at the Celebration of Academic Excellence. **(Raspberry Pi, Python)**