

ANARGHYA DAS

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Education

University at Buffalo (UB), The State University of New York, Advanced Honors College
Bachelor of Science in Computer Science & Bachelor of Arts in Mathematics

May 2021

Overall GPA: 3.7/4.0

Achievements: International Admissions Scholarship, UB SEAS Fellowship, Dean's List (2), Winner at BigRedHacks'19, Tau Beta Pi Member.

Experiences

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.
- Built using **C#, ASP.NET Core, Microsoft SQL, Swagger**.

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 / 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.

Publicity Co-Lead - UB Hacking

December 2019 – Present

- Planned publicity campaigns for UB Hacking which doubled the number of applications received for the event.

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.

Resident Advisor/Community Assistant - Campus Living

August 2018 – Present

- Served as 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**)

Space Invader: Created an arcade style space-shooter game using PyGame. (**Python**)

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**)