

# 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** & Minor in **Mathematics***

**May 2021**

**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**

*Undergraduate Senior Research Aide*

- 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 - December 2020**

*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.

**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.

**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.

## 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**)