

Avish Parmar

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Objective

To gain experience and contribute to the community by applying critical thinking and my knowledge of computer science in the workspace.

Education

Stony Brook University

Expected Graduation: 2023

Stony Brook, New York

Bachelor of Science in Computer Science

Relevant Coursework:

- Introduction to Object Oriented Programming
- Data Structures and Algorithms
- Discrete Mathematics
- System Fundamentals I
- System Fundamentals II
- Programming Abstractions
- Introduction to the Theory of Computation
- Artificial Intelligence
- Calculus I/II/III
- Introduction to Linear Algebra
- Probability and Statistics
- Finite Mathematical Structures
- Fundamentals of Software Development
- Natural Language Processing

Experience

Vertically Integrated Projects Team – Tech Businesses in Development

Stony Brook, NY

Researcher/Full Stack Developer

January 2021 – Present

- Project(s): ClubHub
- Create web applications that make existing systems more efficient for Stony Brook students to use and introduce new software to further enhance the student experience
- Coordinate with teammates in weekly project meetings. Design new features and discuss implementation details for the project

College of Engineering and Applied Sciences

Stony Brook, NY

Peer Mentor

August 2021 – Present

- Provide a support system for students in their first year of attending Stony Brook University
- Responsibilities include making students familiar with all resources available on campus, guiding them with all issues related to academics, health, or just in general
- Conduct weekly meetings to check-in on mentees, answer their questions, and create a space for them to destress and socialize

SBUHacks

Stony Brook, NY

Event Coordinator / Partner Relations

August 2021 – Present

- Collaborate with student organizations to host workshops during the hackathon
- Collaborate with the Stony Brook Career Center to raise over \$40k+ in sponsorship between SBUHacks and companies.
- Organize the timings of all events, including committee meetings and submission deadlines during the hackathon

Stony Brook Department of Computer Science

Stony Brook, NY

Teaching Assistant

August 2021 – Present

- Class(es) taught: Data Structures and Algorithms (CSE214), Fundamentals of Software Development (CSE316)
- Host weekly in-person recitations and assist students in solving problems and exercises based on topics taught during official lectures
- Host office hours to assist students with any questions regarding assignments or topics taught during lectures

Google*Developer Relations Engineer Intern*Mountain View, CA
May 2022 – August 2022

- Migrated the Universal Android Media Player (UAMP), a media app with over 12.6k stars and 3.6k forks, to Media3 and added spatial audio features ahead of the Android 13 release making it an app showcasing modern app development (MAD) principles
- Converted UAMP to Compose, a modern UI toolkit for android development, to serve as the go-to media use case for developers transitioning media apps to Compose.
- Published a technical blog post on Medium.com showcasing what I had learnt from my experience in migrating UAMP and showcasing my findings, as well as best practices for developers looking to migrate their apps to Compose
- Participated in partner meetings with companies like TikTok, Snap, Meta, and Disney with the Android Media and Camera team.

Extra-Curricular Activity

Stony Brook Computing Society

Stony Brook, NY

Vice President

- Contact club organizations and companies for collaborations in the form of events.
- Work with the President in developing event ideas, plans for advertising the events across campus/
- Be the point of contact for any external matters such as sponsorship, fundraisers, collaborations, etc.

Skills and Abilities

- Computers: Eclipse, IntelliJ, PyCharm, VSCode, Android Studio
- Technical Language(s): Java, Python, Kotlin, HTML, CSS, JavaScript, MIPS, Git, OCaml, R
- Version Control: GitHub
- Database(s): MongoDB, Firebase
- Framework(s): Bootstrap, React.js, Node.js, Express.js, Jetpack Compose, Jetpack Media3
- Tech Stack(s): MERN, FERN
- Computer Systems: Windows, Linux
- Languages: English, Hindi, and Gujarati (Fluent in all)

Awards

- Dean's List: Fall 2019, Fall 2020, Fall 2021, Spring 2022
 - National Honors Society, 2015, 2016, 2017, 2018, 2019
 - New York Business Management Honors Society, 2017
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