Juhi Shyamsukha
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EDUCATION

Cornell University, College of Engineering, Ithaca, NY   **Expected Aug 2024**

Bachelor of Science, Computer Science

Masters of Engineering, Computer Science

GPA: 3.7; Dean's List, Spring 2023

*Relevant Courses***:** Data Structures and Object Oriented Programming, Data Science, Algorithms, Machine Learning, Operating Systems, Computer Networks, Databases(planned), Principles of Large Scale ML(planned)

EXPERIENCE

SWE Intern Aurora Innovation   **May 2023- August 2023**
- As a member of the Technology Foundations team, I implemented a Buildkite pipeline for the PyTorch build, which reduced the build time by 50%, made the build more secure, and iterable
- Implemented a Python script to read console logs and categorize error messages for Bazel builds

SWE Intern Meta (Facebook)   **May 2022- August 2022**
- Implemented the backend for new notifications on the Growth Notifications Experience team. Included analyzing data and making iterative changes based on observed trends and several quality improvements to the codebase.
- Worked mainly in PHP. Set up a generic logged out push notification for FBLite and worked on a scheduling strategy for my notification.

TECHNICAL SKILLS
- Experience with Java, Python, C++, and OCaml and an understanding of object oriented programming and data structures.
- Limited experience with PHP, SQL, C, Bash, and React.

ACTIVITIES

Engineers Without Borders   **September 2021- present**
- Implemented a web app that is part of our effort to create a drone rover system that can be used by farmers to detect northern leaf blight in corn plants. The app is primarily built in Python and takes in data from the pictures uploaded from the drone and is used for path planning
- Implemented an informational website of our project so that it could be replicated since it is a non-profit proof of concept project.

Karate   **November 2011- February 2021**
- Mentor and teacher for younger students, helped them learn more advanced concepts.
- Served as a judge for U.S. regional competitions.

PROJECTS

Music Workout   **June 2021-present**
- Developed a program that allows the user to select their own playlist and workout routine. The program says the name of the exercise out loud and decreases the sound of the music and provides a countdown between exercises. Built in user flexibility based on preferences.