Pawan Yerramilli

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Professional Summary

Aspiring software engineer with a BS in Computer Science and a minor in International Affairs, internship experience, and part-time IT experience. My concentrations while at Georgia Tech were in Systems Architecture and AI.

Education

Georgia Institute of Technology   *August 2020 - May 2024*
Bachelor's, Computer Science   *GPA: 3.73*

Professional Experience

Nike, Inc.   **Beaverton, OR, USA**
Software Engineer Intern   *June 2023 - August 2023*
- Built dashboard for stores to keep track of company equipment, with a frontend in ReactJS and Redux
- Built backend of C# Azure Function Apps; set up DevOps pipelines with Jenkins
- Used Terraform to automate deployment of projects to AWS

Garmin   **Town of Yarmouth, ME, USA**
Software Engineer Intern   *May 2022 - August 2022*
- Intern in Garmin mobile app development division, working on their iOS messenger app; wrote production code
- App written in Swift and SwiftUI; also worked extensively with SQLite for on-device messaging database

Georgia Institute of Technology   **Atlanta, GA, USA**
Network Technician   *October 2023 - May 2024*
- Helped administer Georgia Tech network, wrote scripts in Python to automate AP deployment

Georgia Institute of Technology   **Atlanta, GA, USA**
Technician   *August 2021 - October 2023*
- Provide IT support to Georgia Tech staff and students
- Helped automate new account onboarding workflows with Python and AutoHotKey

Projects & Outside Experience

Course Critique   *October 2020 - May 2024*
- Work on Course Critique, a site for GT students with data about professors and courses
- Implemented features including filtering, sorting, etc.; written in ReactJS
- *Link to project*

DreamlandXP   *April 2023 - Present*
- Wrote apps for iOS and watchOS in Swift to monitor sleep, act as a dream journal, and predict sleep stage using health data and a Keras/Tensorflow model
- Built backend in AWS using Python Lambdas and EC2

Undergraduate Research - Code Bubbles   **Atlanta, GA, USA**
                                                                  March 2023 - November 2023
- Conducted research on and contributed to Code Bubbles, a novel Java IDE based on Eclipse.
- *Link to project*

Skills

Skills: Python, Java, JavaScript, iOS/Swift, HTML/CSS, Data Structures & Algorithms, Python, C/C++, React.js, Terraform, AWS, GCP, C#, React, Keras, Linux/Unix, Bash

Fun fact about me: I collect and maintain vintage computers; if you have a favorite machine from the 80s or 90s, there's a good chance I own one!