

Christina Kiruba Christopher

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Experience

Microsoft - C#, Azure Cloud, KQL May 2023 - August 2023, May 2024 - August 2024
Summer SWE Intern (Summer 2023, 2024) Atlanta, GA

- Added new property to the customer facing Azure VMSS API and pushed it to production.
- Collaborated with senior developers and PMs to determine the requirements of the feature.
- Designed, developed 2 logging tables in collaboration with various teams to improve livesite.

Union Pacific - Java, Spring, Microservices, Jenkins, Azure Cloud May 2022 - March 2023
Summer SWE Intern/Year-Round Intern Omaha, NE/Remote

- Implemented 5+ backend microservices in Spring, and Java to increase customer visibility.
- Designed No-SQL graph DB to model the relationships between customer domain data.
- Wrote extensive JUnit test suit using Mockito, and JUnit Params for code coverage.

Georgia Tech College of Computing August 2023 - present
CS 3510 Design and Analysis of Algorithms Teaching Assistant Atlanta, GA

- Conduct office hours and write review guides to assist students with their coursework.
- Collaborate with the TA team to grade exams and promote consistency in grading.

UpMentality - Flutter, Figma, Flask, SQL, Cloudflare March 2023 - October 2023
Founder/CEO, Part of CreateX Startup Accelerator Atlanta, GA

- Developed an app to provide community leaders with mental health education and resources.
- Conducted extensive market research to determine customer needs and business model.

Education

Georgia Institute of Technology, College of Computing August 2021 - Present
BS in Computer Science Threads: Devices, Intelligence Atlanta, GA
Classes: Data Structures, Software Design, ML, Networks, Algorithm Analysis GPA: 3.93

Notable Projects

Facial Recognition Based Customer Rewards (Hackathon) - Flask, GCloud, React, SQL

- Coded a Flask Backend API for the facial recognition of the Customer Rewards Platform.
- Configured and deployed an SQL server and a VM instance on Google Cloud.

STAR Research Lab - Python, ROS, ML models, Motion Planning

- Implemented a UI using PyQt5 to call ROS services and conduct HRI trials easily.
- Analyzed Human Robot Interaction academic papers on motion planning algorithms.

Skills

Programming: Java, Python, Plain C, C++, JS, HTML, CSS, KQL, SQL

Frameworks: Spring, Maven, Azure Cloud, Anaconda, Flask, React, Git, Flutter, Figma

Operating Systems: Windows, Unix.