

Samantha McQuate

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Education

ROCHESTER INSTITUTE OF TECHNOLOGY | EXPECTED GRADUATION MAY 2024

Bachelor of Science in Software Engineering | 3.8 GPA

Experience

SOFTWARE ENGINEER CO-OP | HUBSPOT | JANUARY–MAY 2022, JANUARY–AUGUST 2023

Skills: Java, API Development, Netflix OSS – Hollow

- Increased data resiliency by developing a highly available datastore for high volume (>3k requests/s) consumers of operation critical data.
- Redesigned an aggregation API to introduce concurrency, reducing latency by at least 75%.
- Worked with enterprise customers to migrate permissions within the System for Cross-Domain Identity Management (SCIM) Protocol.

SDE INTERN | AMAZON ROBOTICS | JUNE–AUGUST 2022

Skills: AWS DynamoDB, Kotlin, React,

- Conducted UX Research by interviewing warehouse employees to prioritize feature development.
- Built user level customization tools into existing warehouse application servicing over 100 facilities.

TECHSTART INTERN | LIBERTY MUTUAL | MAY–AUGUST 2021

Skills: Python, AWS Lambda, AWS SAM, AWS DocumentDB (with MongoDB compatibility)

- Researched AWS services and presented findings to the development team to inform decision making.
- Designed a configuration manager supporting a variety of applications with differing requirements.

ATL/FOUNDRY INTERN | NORTHROP GRUMMAN | JUNE–AUGUST 2020

Skills: C#, SQL

- Collaborated with foundry technicians and engineers to understand difficulties in existing workflow.
- Increased detail in existing manufacturing tracking systems by implementing a new modal.

COMPUTING TUTOR | WOMEN IN COMPUTING | AUG 2020 – PRESENT

Skills: Python, Java, C

- Supporting 1st, 2nd & 3rd year students through a variety of computing classes virtually and in-person.

Leadership

OUTREACH COMMITTEE HEAD | WOMEN IN COMPUTING | MAY 2020 – JUNE 2021

- Directed meetings with a committee to develop K-12 educational curriculum in virtual environment.
- Worked with RIT Admissions department to host a multi weekend event for over 50 high school seniors.

Awards and Recognition

Dean's List | 2019-2022

Grace Hopper Scholarship | 2020, 2023

Nordson BUILDS Scholar | 2019 - 2021

NCWIT Aspirations in Computing Honorable Mention | 2019 – 2020