

Brandon Chu

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EDUCATION

Rochester Institute of Technology

Bachelor of Science in Software Engineering (GPA: 3.78/4.0)

Awards: Dean's List (all semesters)

Rochester, NY

Aug 2018 - May 2023

PROFESSIONAL EXPERIENCE

Amplify

Software Engineering Intern

Brooklyn, NY

Jan 2022 - Aug 2022

- Researched, documented, and developed a new user search service prototype using AWS OpenSearch, Lambda, and SQS to lessen the load on our current databases
- Designed and implemented RESTful APIs using Python, Java, AWS Lambda, and PostgreSQL to support our authentication and permissions services used by millions of users across all of Amplify's products
- Configured Datadog dashboards, monitors, synthetic tests, alerts, and logging to ensure services are adequately monitored and easily traceable
- Enhanced login pages used by 100% of Amplify's users utilizing Javascript, Keycloak, and Chrome DevTools
- Assisted with debugging during customer-facing incidents to maintain 99.99% uptime
- Managed AWS cloud infrastructure automation using Terraform

SAS Institute Inc

Fraud Product Management Intern

Cary, NC

May 2021 - Aug 2021

- Conducted research on improving user engagement through gamification for SAS Anti-Money Laundering
- Drafted new feature requirements for mapping suspicious cash flow by speaking with various SAS AML customers and subject matter experts

Enel X

QA Software Engineering Intern

Rochester, NY

Aug 2020 - Dec 2020

- Created Postman automated test suite with 100% coverage for all endpoints supported by technical team
- Performed exploratory testing, quality assurance reviews, and acceptance testing to uncover and document software bugs using Jira

PROJECTS

Food Finder | Javascript (React.JS), Netlify, HTML/CSS

- Deployed a responsive recipe searching website utilizing the Edamam API to help users discover new recipes

WebCheckers | Java (Spark), FreeMarker Template Engine, Git, Scrum

- Led a team of four in developing web based checkers by ensuring organization and team communication

LEADERSHIP

Lambda Phi Epsilon International Fraternity Inc.

President

2019-2020 Academic Year

- Earned International Chapter of the Year Award out of 54 chapters for the 2019-2020 year
- Maintained positive relations and helped manage the organization of 23 members

TECHNICAL SKILLS

Languages: Python, Java, Javascript (React.JS), SQL (Postgres), HTML/CSS, C

Skills: AWS, Datadog, Git, Terraform, Serverless, Selenium, Postman, Docker, Pytest, Scrum, Jira, Cucumber

Certifications: Base Programming Specialist SAS 9.4