Brandon Chu

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EDUCATION

B.S. Software Engineering, *Rochester Institute of Technology, GPA: 3.78/4.0*   May 2023

EXPERIENCE

Software Engineering Intern
Amplify

Jan 2022 - Aug 2022
Brooklyn, NY

- Researched, designed, and developed a new user search service prototype utilizing AWS OpenSearch, Lambda, and Simple Queue Service to lessen the load on current databases
- Designed and implemented RESTful APIs to support 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
- Implemented/debugged over 10 front-end features for login pages used by 100% of Amplify's users
- Assisted with debugging during customer-facing incidents to maintain 99.99% uptime
- Managed AWS cloud infrastructure automation using Terraform

Tools: Python, Java, Javascript, AWS (OpenSearch, Lambda, SQS), PostgreSQL, Datadog, Terraform, HTML/CSS

Fraud Product Management Intern
SAS Institute Inc.

May 2021 - Aug 2021
Remote

- Conducted research on improving user engagement through gamification for SAS Anti-Money Laundering product
- Drafted new feature for mapping suspicious cash flow by interviewing customers and subject matter experts

Tools: Jira, SAS 9.4

QA Software Engineering Intern
Enel X

Aug 2020 - Dec 2020
Remote

- 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, troubleshoot, and document software bugs using Jira

Tools: Postman, Jira, Javascript, Cucumber

PROJECTS

Food Finder | *Javascript (React.JS), HTML/CSS, Netlify*   *March 2021 - May 2021*
- Deployed a responsive recipe searching website utilizing the Edamam API to help users query for new recipes

WebCheckers | *Java (Spark), FreeMarker Template Engine, Git, Scrum*   *Aug 2019 - Dec 2019*
- Led a team of four in developing web based checkers by ensuring organization and team communication

LEADERSHIP

President
Lambda Phi Epsilon International Fraternity Inc.

June 2019 - June 2020
Aug 2018 - Present

- Earned International Chapter of the Year Award out of 54 chapters by leading the organization of 26 members
- Implemented new fundraising initiatives resulting in $4,173 raised for The National Marrow Donor Program
- Increased organization's average GPA by 5% in one year by enacting a comprehensive academic plan

TECHNICAL SKILLS

Languages: Python, Java, Javascript (React.JS), SQL (Postgres), HTML/CSS
Skills: AWS, Datadog, Git, Terraform, Serverless, Selenium, Postman, Docker, Pytest, Scrum, Jira
Certifications: Base Programming Specialist SAS 9.4