Jacob Aminia

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EDUCATION

University of Wisconsin-Madison Madison, WI
Data Science, M.S. (Expected 05/2025)
GPA: N/A
Courses: Statistical Methods, Statistical Models, Information Security

University of Wisconsin-Madison Madison, WI
Computer Science, B.S.
GPA: 3.68
Courses: Intro to AI, Cryptography, Algorithms, Mobile Systems, Theory of Programming Languages

EXPERIENCE

Rebuy Inc. Los Angeles, CA
Software Engineering Intern June 2024 - Present
- Set up and conducting automated testing of Rebuy's Shopify store software in JavaScript with Playwright, reporting results automatically to Slack developer channels with a custom Slack bot.
- Wrote a Kubernetes CronJob to store diagnostic response timing data for these tests with a PostgreSQL database.
- Wrote scripts in Python and JavaScript through Shopify's GraphQL API to automatically populate test store data, incorporating Retrieval Augmented Generation.

Scale Media Inc. Los Angeles, CA
Data Analytics Intern May 2023 - August 2023
- Wrote a program in Python that automatically calls REST APIs from the Bureau of Economic Analysis to gather macroeconomic data annually, which allowed Scale's marketing team to gain insight into local economic trends for their target markets.
- Conducted QA on Scale's Tableau databases after a company-wide procedural shift in calculations and presented reported findings to the relevant team members.

Snap Inc. Santa Monica, CA
Software Engineer Intern May 2022 - September 2022
- Wrote a program in Java and Python, using REST APIs and interfacing with Google Cloud, to automate the process of collecting and interpreting crash log files for Snapchat lenses, alleviating a significant time-consuming burden for the software engineers on my team.
- Gained firsthand experience in software development methodologies, such as SCRUM and CI/CD.

PROJECTS

"Badgeroo" Android App
- Contributed to an Android app written in Java that helps users find college roommates.
- Coordinated the semester-long group project, using GitHub for version control.

Other

Programming Languages: Python, JavaScript, Java, C/C++, SQL
Technologies: Playwright, Docker, Kubernetes, BitBucket, GitHub