Jacob Aminia

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Education

University of Wisconsin   **Madison, WI**
Data Science, M.S. (Expected)   *Sep 2024 – May 2025*
GPA: 3.88
Relevant coursework: Probabilistic Graphical Models, Statistical Models, Statistical Methods, Statistical Inference

University of Wisconsin   **Madison, WI**
Computer Science, B.S.   *Sep 2021 – May 2024*
GPA: 3.68
Relevant coursework: Computer Networks, Information Security, Cryptography, Algorithms, Artificial Intelligence, Mobile Systems, Machine Organization, Human-Computer Interaction

Experience

Rebuy Inc.   **Remote**
Software Engineer Intern   *Jun 2024 – Feb 2025*
○ Wrote automatic storefront tests for Rebuy's Shopify extension in TypeScript with Playwright.
○ Created a Kubernetes CronJob to run tests on a schedule, and created a Slack app to run tests ad hoc.
○ Wrote a Python program to measure and aggregate response time metrics for tests, storing them in a PostgreSQL database in the Kubernetes cluster.
○ Created a Playwright Slack bot to automatically report test results.

Scale Media Inc.   **Los Angeles, CA (Remote)**
Data Analytics Intern   *May 2023 – Aug 2023*
○ Wrote a program in Python to aggregate macroeconomic data from the Bureau of Economic Analysis REST API, which allowed Scale's marketing team to gain insight into local economic trends for their target markets.
○ Conducted QA in Scale's Tableau databases after a company-wide procedural change in calculations and presented the reported findings to senior developers and management.

Snap Inc.   **Santa Monica, CA**
Software Engineer Intern   *May 2022 – Sep 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.
○ Gained experience in software development methodologies, such as SCRUM and CI/CD.

Skills

Programming Languages: Python, JavaScript/TypeScript, Java, R, C/C++, SQL, GraphQL
Software Tools: Docker, Kubernetes, Playwright, Cursor, Git, Google Workspace
Spoken Languages: English (Native), Spanish (Intermediate), Hebrew (Basic)
Other: Oral and written communication, teaching and coaching, organization and time management

Extracurricular Activities

Gymnastics: Joined the Wisconsin Gymnastics Club as a beginner and competed in multiple NAIGC meets.
Parkour: Founded the Badger Parkour club at UW and coached new members of all experience levels.
Karate: Earned a second-degree black belt and taught karate to children and teenagers.