Jacob Aminia

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EDUCATION

University of Wisconsin-Madison   Madison, WI
Data Science, M.S.   2024-2025
GPA: N/A

University of Wisconsin-Madison   Madison, WI
Computer Science, B.S.   2021-2024
GPA: 3.7

Relevant Courses
  Intro to Artificial Intelligence, Intro to Cryptography, Intro to Algorithms, Mobile Systems & Applications,
  Linear Algebra, Multivariable Calculus

EXPERIENCE

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.

Chess Board
- Wrote a two-player text-interface chess application in Python, implementing all chess rules and features from scratch.
- Used this project to hone skills in object-oriented programming, inheritance and polymorphism, and programming problem-solving.

DAG Topological Ordering
- Implemented a directed acyclic graph topological ordering algorithm in Python.
- Used the program to create a curriculum for the parkour club I started on campus.

Other

Programming Languages: Python, Java, C/C++, JavaScript
Soft Skills: written and verbal communication, reception of feedback and criticism
Academic Interests: face recognition, biometrics, natural language processing, privacy & security