Amir Shahatit

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Summary: Computer Science major seeking an internship for summer 2019

EDUCATION

University Of California, **Berkeley**
Bachelor's Computer Science | May 2020 | Department GPA: 3.67
Technical Skills: Python, GO, Java, C++, Bash, Jenkins, Bazel, Make, Flex, Bison
Relevant Coursework: (Current: Operating Systems, Artificial Intelligence) (Past Upper Division: Algorithms, Security, Compilers)

WORK EXPERIENCE

Voleon | *Berkeley, CA*   May 2018 - August 2018
Software Engineering Intern
  Developed and tested Go, Python, and Bash. Configured CI using Jenkins, Bazel, and GitHub

Intuit | *San Diego, CA*   *May 2017—August 2017*
Software Engineering Intern
- Developed and tested code in Java with Spring, and React JS with Redux.

CompSci 88 Course Staff | *Berkeley, CA*   August 2018 - December 2018
Undergraduate Student Instructor

- Will teach a section of 30 students the fundamentals of Computer Science
- Will help develop curriculum, coordinate staff, and make decisions for the future of the course.

Data 8 Course Staff | *Berkeley, CA*   August 2017 - May 2018
Undergraduate Student Instructor
- Lead a section of 30 students, teaching them the fundamentals of Data Science.
- Tutored a small group of 5 students.

Intuit | *Remote*   *August 2017* - December 2017
Campus Ambassador
- Coordinated events to increase intern offer acceptance rates by connecting them with prior interns.

IntellyTutor | *Remote*   February *2017* - April 2017
Content/Curriculum Developer
- Wrote content for an AP United States History podcast centering around the era from 1800-1848**.**

PROJECTS

Voleon Projects | GO, Python, Bash, Jenkins, Make
- Hot Fix Repository:
    o Used Jenkins, Make, and Bash to set up a repository that automatically deploys hot fixes upon merges to master
- Scheduler Improvements:
    o Used Python and Go to improve a job scheduler's alert system, UI, and base functionality.

aPYc | C++, Flex, Bison
- Created a compiler for a significant subset of python2.5 that was modified to be statically typed.
- Used type unification to infer types and statically check coherence to type rules.

Secure File Store | Python
- Created a cryptographically secure file store with built in capablities for delegating access privellages and revoking them.
- Certain efficiency metrics were met to ensure small edits to an arbitrarily large file required minimal network usage.

Intuit Projects | Java, Springboot, Maven
- Health Check Service:
    o Created an API that tests the viability of downstream dependencies for my team's service at Intuit.
- Delegation Service:
    o Delegates a customer's tax return to a tax professional. Allows for granting and revoking of legal consents

Ataxx | *Java*
- Created a board game and an AI to play it intelligently enough to find a forced win in at most 5 moves

Music Classifier | Python
- Created a classifier that determined whether the genre of a song is country or hip-hop.

LANGUAGES

Spanish: *Working Proficiency*   **Arabic:** *Basic* proficiency

AWARDS

Intuit Small Buisness Hackathon: *Best use of Postman API*