

# Amir Shahatit

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**Summary:** Computer Sceince major seeking research opportunities

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## EDUCATION

### University Of California, Berkeley

Bachelor's Computer Science | May 2020 | GPA: 3.5

**Technical Skills:** Mastery: Python(Numpy/Jupyter) Java(Spring,Maven) Proficient: React.JS/Redux, C/C++, RISC V

**Relevant Coursework:** CS 161: Computer Security, CS164 Compilers, CS61 series: Introduction, CS 170: Algorithms

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## WORK EXPERIENCE

### Voleon | Berkeley, CA

June 2018 - August 2018

*Software Engineering Intern*

- Will develop and test code that forms and regulates complex data pipelines.

### Data 8 Course Staff | Berkeley, CA

August 2017 - May 2018

*Undergraduate Student Instructor /Tutor*

- Lead a section of 30 students, teaching them the fundamentals of Data Science.
- Tutored a small group of 5 students.

### Intuit | San Diego, CA

May 2017—August 2017

*Software Engineering Intern*

- Developed and tested code in Java with Spring, and React JS with Redux.

### Intuit | Remote

August 2017 - Current

*Campus Ambassador*

- Coordinated events and sent talent the recruiter's way. Statistics on yield increase pending.

### IntellyTutor | Remote

February 2017 - Current

*Content/Curriculum Developer*

- Wrote content for an AP United States History podcast centering around the era from 1800-1848.

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## PROJECTS

### Intuit Projects | Java, Springboot, Maven

- Health Check Service (Java with Spring-Boot)
  - Created an API that tests the viability of downstream dependencies for my team's service at Intuit.
- Delegation Service (Java with Spring-Boot)
  - Helped create a service that delegates a customer's tax return to a tax professional. The service takes care of legal consents given by customers and allows for granting and revoking access.

### Secure File Store | Python

- Created a cryptographically secure file store with built in capabilities 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.

### 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 | Numpy/ Python

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

### aPYc | C++

- Created a compiler for a significant subset of python2.5 that was modified to be statically typed.
- Optimized code generation to enable garbage collection

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## ACTIVITIES

### Middle East and North Africa Recruitment and Retention Center (MENARRC)| Recruitment Director

- Senior Weekend
  - Hosted 32 seniors in high school for 4 days to show them the MENA community at Berkeley and help them decide which college they want to attend. Coordinated current students who host the seniors for the four day program.
- High School tours
  - Invited local students for a tour of Berkeley and a workshop on the College admissions/Financial aid processes

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## SCHOLARSHIPS

Edison International: \$40,000 Nordstrom: \$10,000 Elk National Foundation: \$4,000

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## LANGUAGE

**Spanish:** Working Proficiency

**Arabic:** Basic proficiency