



# Amir Shahatit

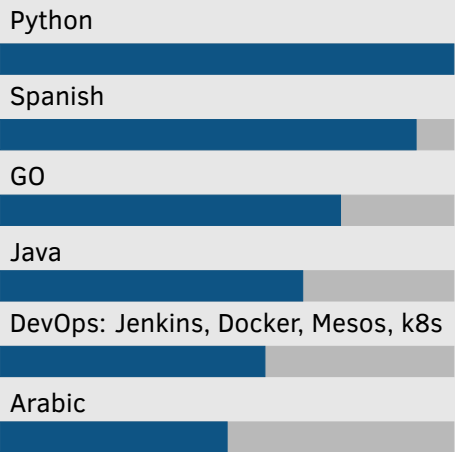
TA, SWE, Researcher

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## About me

I am a rising Senior studying Computer Science at Berkeley. My passions include teaching, computer science, and mathematics.

## Skills



## Extra-Curricular

- Recruitment Director @ MENA-RRC  
Hosted 35 freshman admits of the MENA (Middle East North Africa) community for a weekend introduction to campus life.
- Curriculum Developer @ IntellyTutor  
Wrote 50 pages of podcast curriculum for AP United States History, focusing on 1800-1844.

## Education

2016-2020 Computer Science UC Berkeley  
*OS, Algorithms, Security, Compilers, Linear Algebra, AI*

## Software Engineering

- Summer '18 SWE Intern @ Voleon Berkeley, California  
Used Python and GO to improve the alert system, user interface and base capabilities of a job scheduler.  
  
Used Jenkins, Make, and Bash to set up a repository that deploys hot fixes on merges to master.
- Summer '17 SWE Intern @ Intuit San Diego, California  
Created an API that tests the viability of downstream dependencies.  
  
Collaborated on a service that delegates a customer's tax return to a tax professional.

## Research

- Summer '19 Netsys Lab : Edgy Scott Shenker, Aisha Mushtaq  
I will work on a policy for edge computing that will decide whether to cache an object at an edge node or at the cloud point of unification. This will involve improving an oracle, simulator, and mathematically motivating policy decisions.
- Spring '19 Netsys Lab : Kraken Scott Shenker, Ed Oakes  
Wrote a configurable simulator for a peer2peer file distribution system for Docker container image deployment as well as extremely large files (i.e., 100s of GB).
- Spring '19 Retina Lab : PystimMod Rowland Taylor, Theresa Puthussery  
Optimized the image stimulus program the lab uses to measure the retina's response to different stimuli.

## Teaching

- Fa'19 Head Undergraduate Student Instructor Computing for Data Scientists  
I will coordinate exam creation and curriculum development, teach a section of 30 students, and foster a sense of community on staff.
- Fa'18 - Sp'19 Undergraduate Student Instructor Computing for Data Scientists  
Under Gerald Friedland, I upgraded our second project, coordinated curriculum development, and contributed exam questions.  
  
Under David Culler, I taught a section of 30 students, created a new lab, and hosted office hours.
- Fa'17 - Sp'18 Undergraduate Student Instructor / Tutor Foundations of Data Science  
Under Ani Adhikari, I taught a section of 30 students, hosted office hours and created a video walkthrough.  
  
Under John Denero and David Wagner, I tutored a group of 5 students, and graded assignments.