Roy Shadmon

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» Education

University of California, Santa Cruz
Master of Science (M.S.) Computer Science | January 2018 – March 2019 (expected)
Bachelor of Science (B.S.) Computer Science | August 2014 – December 2017 | GPA: 3.45

» Work Experience

Juniper Networks, Sunnyvale, California
Software Engineering Intern, June 2018 – September 2018
- Developed a real-time, highly-available network monitoring system that streams AWS instance logs and alerts data owner of security threats as they occur in real-time with respect to alert thresholds.
- Designed dashboards to visualize instance log data that can be filtered with a click of a button.
- System is fully automated and jobs are monitored, started, and stopped using a Slack bot.

Jack Baskin School of Engineering at UC Santa Cruz, Santa Cruz, California
Teaching Assistant – CMPS 115, January 2018 – Present
- Teaching students SCRUM methodologies and advisor to students' senior design projects.

Lend Street Financial Inc, Oakland, California
Full Stack Software Engineering Intern, June 2017 – March 2018
- Engineered, designed, and launched werebound.com. Created a fully automated application process with 2-step user authentication. Integrated automated text-messaging and mailer. Ensured client/server validation and successful deployments.
- Improved automation of loan underwriting by 25% on lendstreet.com.

Storage Systems Research Center, UC Santa Cruz
Research Assistant, July 2016 – January 2018
- Formatted and edited 200+ research papers to create a book on storage systems for Dr. Darrell Long. Utilized Python's Matplotlib to design 100+ colorful graphs.

ScaleDB Inc. (Dianomic Inc.), Menlo Park, California
Software Engineering Intern, June 2015 – September 2015
- Developed Perl programs to run MySQL queries on multiple database nodes in a cluster. Managed and fixed bugs. Provided senior engineers with weekly bug reports.
- Refined technical documentation to get 100% customer success in the download process.

» Projects

Pronzo – iOS app using Firebase
CMPS 115, March 2017 – June 2017
- A professional matching app that connects users for a meal based on their career and location.

Envite – Python and AWS application
HackUCSC, January 2017 – January 2017 (36 hours)
- A program that matches guests to an invite list using an ID black-strip card reader.
- User chooses to confirm invited attendee, add an uninvited attendee, or reject invited attendee.
- Built for Santa Cruz Hillel. All data is saved to a CSV to show board members.

» Skills

Languages: Java, Python, SQL, Ruby on Rails, Bash, LaTex, HTML, CSS **Familiar with:** C, Swift, JavaScript
Tools: AWS, Elasticsearch, Logstash, Kibana, Elastalert, Bots, SQL, NoSQL, Twilio, Microsoft Office Suite
Operating Systems: OS X, Windows, Linux, CentOS, Ubuntu

» Activities

President of UC Santa Cruz Mishelanu, Santa Cruz, California   August 2015 – June 2017
Santa Cruz Hillel Event Planning Intern, Santa Cruz, California   August 2015 – June 2016