

# Roy Shadmon

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## » Education

### **University of California, Santa Cruz**

Master of Science (M.S.) Computer Science | January 2018 – December 2018 (expected)

Bachelor of Science (B.S.) Computer Science | August 2014 – December 2017 | GPA: 3.45

## » Work Experience

### **LendStreet Financial Inc.**, Oakland, California

*Full Stack Software Engineering Intern, June 2017 – Present*

- Engineered, designed, and launched werebound.com using Ruby on Rails. Fully automated the application process including 2-step user authentication. Integrated Twilio text messaging, Rails Mailer, Active Admin, and DocuSign contracts. Ensured client/server validation.
- Improved automation in underwriting by 25% on lendstreet.com.
- Analyzed and presented reports to the team using SQL. Ensured successful code deployments.

### **Storage Systems Research Center**, UC Santa Cruz

*Research Assistant, July 2016 – Present*

- Formatting and editing 200+ research papers using LaTeX to create a soon-to-be published book on storage systems for Dr. Darrell Long. Utilizing 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. Retested bugs marked as "fixed" and reassigned senior engineers unfixed bugs with thorough documentation.
- Refined technical documentation to get 100% customer success in the download process.

## » Projects

### **Pronzo** – iOS app using Firebase

*CMPS 115, March 2017 – June 2017*

- An app that connects people together for a meal based on their professional career and location.

### **Envite** – Python and AWS application

*HackUCSC, January 2017 – January 2017 (36 hours)*

- Designed a web app that speeds up Santa Cruz Hillel's student sign in process by 90% to events.
- Features implemented: check in process faster than 1 swipe per second, confirm/reject/add attendees to DB, print organized attendee data to a .csv file for Santa Cruz Hillel Director.

### **SlugLink** – Web2Py (Python) web application

*Social Web Application, September 2016 – December 2016*

- Platform that connects UC Santa Cruz students based on common interests and classes.

## » Skills

**Languages:** Java, Python, SQL, LaTeX, Ruby, Rails, HTML, HAML, CSS, JavaScript **Familiar with:** C, Swift, Perl

**Tools:** PostgreSQL, MySQL, NoSQL, GitHub, BitBucket, Twilio, Rails Active Record/Admin, AWS, Firebase, Pivotal, Bugzilla, Microsoft Office Suite, Vultr, Web2Py

**Operating Systems:** OS X, Windows, Linux, CentOS, Ubuntu

## » Activities

### **President of UC Santa Cruz Mishelanu**, Santa Cruz, California

August 2015 – Present

- Improved membership by 300%. Planned overnight trips for 50+ students from 5 different schools.

### **Santa Cruz Hillel Event Planning Intern**, Santa Cruz, California

August 2015 – June 2016

- Organized and planned weekly events (including cooking dinner) for 100+ students.