Alisabeth Rogers

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EDUCATION

University of California, San Diego, La Jolla — *Mathematics/Computer Science*

Expected Graduation: June 2019

- Regents' Scholar - awarded to top 1% at time of admission
- 3.12 GPA

Relevant Completed Coursework:

- Software Engineering, Design and Analysis of Algorithms, Advanced Data Structures, Statistical Methods, Theory of Computation, Modern Algebra, Combinatorics, Computer Organization and Systems Programming, Numerical Analysis, Data Structures and Object-Oriented Design

SKILLS

- Most experience with **Java, C++, C**
- Currently learning **ReactJS, SQL**, and **Node**

- Some experience with **Python, Matlab, AWS, Docker, Travis-CI**

PROJECTS

ROOMI (Project Manager) - *Software Engineering*

October 2018 - December 2018

- Led a team of 10 members to develop a web-based app using ReactJS, SQL, and Node for roommates that will provide the ability to set up rent payments, view and complete chores/shopping lists, share a calendar for the household, and leave messages for one another.

Pathfinder - *Advanced Data Structures*

Spring Quarter 2018

- Utilized a modified Dijkstra's algorithm and depth-first search in C++ to find the shortest path connecting two actors.

Robot – *Robot Design*

Winter Quarter 2017

- Utilized Java commands and an Arduino to program a small robot to self-navigate unknown environments, constructed the robot with 3D-printing and soldering.

WORK EXPERIENCE

Writing Mentor — *Writing Hub, University of California, San Diego*

September 2016 - PRESENT

- Engaged over 500 students in one-on-one discussions on improving their writing skills in the past school year.
- Conducted research for a literature review on how writing helps students in a STEM class engage with the course material.

Hospitality Coordinator — *Conference Services/Housing, Dining, and Hospitality, San Diego*

Summer 2018

- Provided operational and administrative assistance to Hospitality and Conference Services, including scheduling staff and maintaining digital database on Conference Programmer for all of the guests.
- Trained clerks on pre-arrival procedures, execution of a check-in/check-out, and completion of post-inventories.

LEADERSHIP EXPERIENCE

Phi Sigma Rho, Science & Engineering Sorority at UCSD October 2015 - Present

President January 2018 - December 2018

- Reorganized the structure of committees within the chapter to increase engagement and responsibility.
- Corresponded and communicated with Nationals, Panhellenic Council, and the chapter.
- Led chapter of 75 members and developed goals to promote sisterhood and campus engagement.

Vice President of Administration January 2017- December 2017

- Recorded all member data and information relevant to the sorority.
- Mediated conflict resolution between members.