

Education

University of California, San Diego	2015 - 2019
B.S. in Mathematics - Computer Science	
Minor in Mathematics Education	GPA: 3.4

Experience

<i>ThoughtSTEM San Diego, CA</i>	June 2018 - August 2018
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Computer Science Mentor, Intern

Assisted middle and high school students with creating projects using various programming technologies (Racket, virtual reality, Python, HTML, Java)

Collaborated with ~30 developers on Morugamu, a programming language packaged as a board game

Generated plots for data visualization of board games on Kickstarter to compare money asked for vs. money received

<i>Lincoln High School San Diego, CA</i>	April 2018 - June 2018
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Math Tutor, Volunteer

Assisted high school students in Integrated Math II

Worked one-on-one with students to help set-up and approach problems involving triangle congruence and similarity

Projects

Web Dev For Beginners [HTML/CSS]

A learning resource website using HTML and CSS

Wrote tutorials to introduce basic elements of HTML and CSS to beginners

Snake [Python] (Webroot Hackathon)

Multiplayer version of the snake game

Created functions for snake to make smarter decisions against other players

Bagels [Java/Android]

An Android app of a simple numbers deduction game

Designed the layout of each activity and implemented functionality for generating hints, displaying to screen, and saving notes

Client-Server Messaging [Java]

A terminal-based messaging application

Used Java Sockets to implement server and client connections

Used threads to connect multiple clients and receive/send messages

Skills

HTML/CSS	Java (incl. Android)	Python	C	C++	Racket
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