

# ABIGAYLE QUINTANA

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## EDUCATION:

### University of California, San Diego

Bachelor of Science in Computer Science, December 2020

Provost's Honors Spring 2020, Winter 2020, Fall 2019, Spring 2019, Winter 2018

## TECHNICAL SKILLS:

*Languages:* Java, C, C++, Python, React Native, ARM, CSS, HTML, MATLAB

*Technologies/Environment:* Unix, Vim, Microsoft, Git, AWS Step Functions, AWS Lambda Functions, AWS DynamoDB, Heroku

## COURSEWORK:

Object-Oriented Design, Software Tools & Techniques Lab, Math for Algorithms & Systems, Computer Organization & Systems Programming, Advanced Data Structures, Theory of Computability, Design and Analysis of Algorithms, Software Engineering, Intro to Probability & Statistics, Component & Design Techniques for Digital Systems, Digital Systems Lab, Operating Systems, Online Database Analytics Applications, Intro to Computer Security, Intro to AI: Search & Reasoning, Design for Development

## EXPERIENCE:

### Amazon Software Development Engineer Intern (June 2020 – September 2020)

Returning software development engineer intern at AWS Amazon Connect. Designed and implemented a new feature for Amazon Connect's chat service. Used Java, AWS Lambda Functions, AWS DynamoDB, and JavaScript.

### Amazon Future Engineer Software Development Engineer Intern (June 2019 – September 2019)

Worked in AWS on Amazon Connect. Designed and implemented a new feature for Amazon Connect's new chat service. Used Java, AWS Lambda Functions, AWS Step Functions, and AWS DynamoDB.

### UCSD Computer Science Tutor (September 2018 – March 2019)

Tutor for Basic Data Structures & Object-Oriented Design and Intro to Computer Science: Java I courses. Assisted students with programming assignments. Met with students one-on-one to review past programming assignments and discuss and correct errors. Graded assignments and exams.

## ACTIVITIES:

### Amazon Future Engineer Intern Hackathon (July 2019)

Worked on a team to create an Alexa Skill for the Boys and Girls Club to allow students to sign in and out using their voice and to maintain attendance. Used JavaScript.

### empowHER (April 2019)

Participated on a team in a 24-hour women-centric hackathon. Used TensorFlow for Poets, Python, HTML, and CSS to create a web application. Used machine learning to take an image of someone and determine what famous woman in STEM they resemble the most to encourage females in STEM fields.

### SPIS (Summer Program for Incoming Students) (August – September 2017)

Participated in a 5-week summer program for incoming computer science majors, with focus on the basics of programming, as well as Python, HTML, and CSS.

## PROJECTS:

### ADL Rally App UI/UX Design (March 2020 – Present)

Working on a team to redesign the user interface and experience of an existing app for the Anti-Defamation League.

### YEAT @ UCSD (March 2019 – June 2019)

Worked on a team to create a mobile app about dining hall menus at UCSD. Used React Native.

### abigaylequintana.github.io (July 2018)

Used Github and Github Pages to create a website displaying information about myself. Used HTML and CSS to create the site.

### Chameleon (September 2017)

Worked with a partner to create a website allowing users to encode a message into an image and decode a message from an image. Used Github, Heroku, HTML, CSS, and Python.