Hello!

I'm Michelle Kwon.
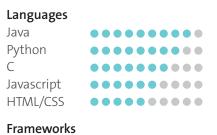
CONTACT

www.linkedin.com/in/michellejkwon

415.306.2154 CELL
michellejkwon@gmail.com

EDUCATION

University of California, Berkeley
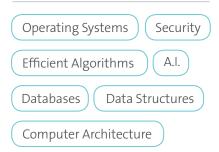B.A. Computer Science | GPA: 3.3
2016 – 2019

SKILLS

Languages
Java
Python
C
Javascript
HTML/CSS

Frameworks
Ruby on Rails
React

Adobe Creative Cloud
InDesign
Illustrator

COURSEWORK

- Operating Systems
- Security
- Efficient Algorithms
- A.I.
- Databases
- Data Structures
- Computer Architecture

AWARDS

Leadership Award Scholarship
Cal Alumni Association | July 2016

President's Leadership Award
San Mateo High School | May 2016

EXPERIENCE

May 2018 – Present Project Leader | The Arctic Institute & Cal Blueprint
- Managed recruitment for nonprofits and student developers to work with Blueprint
- Helped nonprofits identify crucial technological needs and scope a year-long project
- Discussed actionable methods to streamline team and nonprofit communication

May – August 2018 Software Developer Intern | Amazon Alexa
- Designed and developed at-home user calibration system for multiple Alexa devices
- Adapted, refined, and connected resources across teams to complete tasks efficiently
- Presented project demo with an improved multi-device response accuracy near 100%

September 2017 – May 2018 Project Developer | Replate & Cal Blueprint
- Learned foundations of Ruby on Rails and React Native through a two-wk curriculum
- Communicated with Replate to understand tech infrastructure and project details
- Developed a "Digital Marketplace" for iOS that is managed through an admin portal

January – May 2018 Webmaster | Theta Tau Engineering Fraternity
- Updated website with recruitment info and managed members though PostgreSQL
- Worked to implement SSL by updating all internal website resources to use HTTPS

June – July 2015 Girls Who Code Student | Electronic Arts
- Learned web development, robotics, and databases through a 7-wk intensive course
- Gained exposure to the tech industry and received mentorship from women at EA
- Collaborated with two students to build a final database project, Plethora of Code

PROJECTS

User Initiated Bias Factor Calibration | Amazon Alexa
- Used AWS Lambda to process data files from S3 and store calculations in DynamoDB
- Applied linear regression to voice energy values to compute device calibration factors

Digital Marketplace | Replate
- Retrieved food donation info from webhooks to create matching pickup tasks in iOS
- Allowed drivers to claim pickup tasks, and generated donation receipts for businesses

Plethora of Code | Girls Who Code
- Created database of high school CS opportunities using Google Tabletop and Firebase
- Enabled users to add recommendations and comments, which updated in real-time

ACTIVITIES

May 2017 – Present Theta Tau Professional Engineering Fraternity
Planned brotherhood, professional development, and philanthropy events both within the fraternity and public. Helped design and build a personalized jukebox with Arduino.

August 2018 – May 2017 Berkeley Engineers and Mentors
Promoted STEM education in local elementary schools by presenting and developing interactive, hands-on curriculum on a weekly basis throughout the school year.