

# KATIE FUKUDA

Software Engineer



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## EDUCATION

Computer Science, B.S.

University of California, Riverside

September 2016 – March 2020

GPA: 3.34

## EXPERIENCE

Software Engineering Intern

Kelley Blue Book, Cox Automotive

June 2019 – September 2019

Irvine, California

- Focused on the front-end UI development for the "New Car Price Quote" widget which is built with multiple responsive pages using React, Redux, and Gatsby.js.
- Learned how to use Amazon Web Services (AWS) including DynamoDB, S3, Lambda, CodeBuild, CloudFront, and CloudWatch in 3 months.
- Built Splunk dashboards to monitor AWS Lambda health, widget health, and lighthouse metrics. Also conducted automated testing in Cypress and facilitated gameday scenarios.

Quality Assurance Intern

Blizzard Entertainment

June 2015 – August 2015

Irvine, California

June 2016 – August 2016

- Worked with a Quality Assurance team on Diablo 3, World of Warcraft: Legion, and Hearthstone to play test, report bugs, and provide new player feedback.
- Learned different testing techniques and learned how the game development process works.

## PROJECTS

Virtual Pet [Coded in C]

Embedded Systems Project

June 2018

- Built a virtual pet on a breadboard using an ATMEGA1284 microcontroller, Nokia 5110 LCD screen, 2x16 LCD screen, and a joystick.
- Virtual Pet had different game design aspects and statistics including hunger, happiness, and cleanliness.

Pengun [Coded in C, Unity]

Senior Design Project

June 2019

- Developed the UI for a 3D penguin racer-shooter game. Game also had single player and multiplayer options.
- Implemented music, scoreboard, and interactive menu.

## LEADERSHIP

Women in Computing (ACM-W Student Chapter)

Co-Founder & President

Nov 2017 – June 2019    UCR

- Co-founded a national ACM-W Student Chapter at UCR
- Led a board of women to present bi-weekly meetings, built a membership base to 50 members and established 200+ social media followers.
- Worked with a team of 20+ students to help found the first women-centric hackathon at UCR (Rose Hack 2019) which hosted 200+ student hackers.

ACM@UCR (Association for Computing Machinery)

Membership Chair

April 2017 – June 2018    UCR

- Put together a mentorship program for 20+ students where upperclassmen can help and mentor freshman and transfer students into UCR's computer science program.

## CERTIFICATION

AWS Cloud Practitioner

Expires September 2022

- ID: D3HKCZH2EBE11RWN

## SKILLS

Computer Skills

C++, Java

Javascript

Python, C



Other Skills

Technical Documentation, HTML & CSS, Splunk, Agile, Tableau, Adobe (Photoshop, Illustrator), Microsoft Office (Word, Excel, Access)