

# KATIE FUKUDA

Software Engineer



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## OBJECTIVE

Current Computer Science Major seeking to use acquired academic skills and past experiences to fill a software or technical position. My diverse background allows me to be flexible in many work environments and makes me an effective team player for any project.

## EXPERIENCE

### Software Engineering Intern

#### Kelley Blue Book, Cox Automotive

June 2019 – September 2019 Irvine, California

- With a team, developed the "New Car Price Quote" widget which is built with multiple responsive pages using React, Redux, and Gatsby.js. Launched on Autotrader.com and expected to reach 3+ million views.
- Learned how to use Amazon Web Services(AWS) services including DynamoDB, S3, Lambda, CodeBuild, CloudFront, and CloudWatch.
- 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.

### R'Shell [Coded in C++]

#### Software Construction Project

Dec 2017

- Built a bash-like command shell with a partner in 10 weeks.
- Implemented logical operators, making XML technical diagrams, creating test classes, and handling stream redirects.

## EDUCATION

Computer Science, B.S.

University of California, Riverside

September 2016 – March 2020

GPA: 3.34

## LEADERSHIP

### Women in Computing (ACM-W Student Chapter)

#### Co-Founder & President

Nov 2017 – June 2019 UCR

- Led a board of women to present bi-weekly meetings, increase membership retention to 50 members and establish 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)