

RICKY KUANG

Alhambra, CA • (626) 320-3891 • rkuang26@gmail.com • github.com/rkuang

EDUCATION

UNIVERSITY OF CALIFORNIA, SANTA BARBARA, Santa Barbara, CA

2014 – 2018

Bachelor of Science, Computer Science

GPA: 3.62/4.00

- **Minor:** Statistical Science

TECHNICAL PROFICIENCIES

- Programming Languages: C++, C, CSS, HTML, Java, JavaScript, Python, Ruby
- Software Development Tools: Firebase, AWS, Git, Rails, TensorFlow, Bootstrap, Android Studio, Xcode

PERSONAL PROJECTS

Homies, *Android*

Spring 2017

Firebase, Java, XML

- Developed an application where users can organize aspects of shared living among housemates
- Integrated Firebase's Real-Time Database to allow for live updates and notifications for forum posts
- Complied with Material Design standards and principles to create a visually appealing application

Mosaic, *Full Stack Development*

Winter 2017

Ruby on Rails, HTML, CSS, JavaScript

- Developed a social media web application where users create accounts, post images, and interact
- Designed and implemented the front-end using Twitter Bootstrap to make accessible and attractive web pages
- Employed Ruby gems to streamline development on essential components

ACADEMIC PROJECTS

Convolutional Neural Networks, *Machine Learning*

Spring 2018

Python, TensorFlow

- Developed convolutional neural network for classifying objects from the Fashion-MNIST data set
- Gained a high level understanding of how the layers of the neural network extract information from images
- Learned about the process of developing a model, training the data, tuning the parameters, and testing the data

KOS, *Operating Systems*

Winter 2018

C

- Developed an operating system for a simulated MIPS machine that mimics the functionalities of Linux
- Gained a low-level understanding of OSes through implementing its various mechanisms
- Learned about how running programs exist in memory, request services, and compete for resources in an OS

Stars R Us, *Database Management Systems*

Fall 2017

Java, MySQL, JDBC

- Developed a software system for a fictional brokerage where users can trade stocks and manage accounts
- Designed and implemented a relational database by identifying entities, relationships, and integrity constraints
- Tailored essential MySQL queries built for performance, readability, and maintainability

WORK EXPERIENCE

End User Computing Student Tech Assistant

Mar. 2017 – June 2018

UCSB Enterprise Technology Services, Santa Barbara, CA

- Performed installation, upgrades, maintenance, and removal of computer systems, components, and peripherals
- Identified, diagnosed, and resolved level one service requests regarding computer hardware and software
- Conformed with Information Technology Infrastructure Library (ITIL) guidelines to deliver quality IT services

Retail Sales Associate

Summers 2013 – 2016

Pierce College Bookstore, Woodland Hills, CA

- Managed inventory and merchandise displays for a 200+ item catalog while providing prompt customer support