KENNY K.T. LUU

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EDUCATION

University of California, Los Angeles   Expected Graduation Date: June 2020

B.S. in Computer Science, Henry Samueli School of Engineering   GPA: 3.32

Relevant Coursework:

- Object Oriented Programming
- Database Systems
- Algorithms and Complexity
- Operating Systems Principles
- Software Engineering
- Programming Languages
- Computer Security
- Computer Networking

TECHNICAL SKILLS

Programming Languages

- **C/C++**, **Java**, Python, HTML, CSS, JavaScript, PostgreSQL

Software Tools

- **Visual Studios**, **Linux** , **Git**, **GitHub**, Gerrit, Spark, Docker, Google Cloud Platform

PROJECTS

Reddit Sentiment Analysis | Python, SparkSQL, SparkML   May 2019

- Trained a classifier to evaluate the political sentiment of subreddit r/Politics
- Parsed JSON into useful unigrams, bigrams, and trigrams as features of the model
- Implemented k-fold cross-validation to split the training data and testing data
- Achieved an average 76% accuracy rate for positive and negative classifiers

Bingit Web Server | C++, Gerrit, Docker, HTML, SQL   March 2019

- Created versatile web server that functions as a file handler, proxy server, and database manager
- Communicated API design choices and reviewed all code submissions as a team
- Heavily tested with GTest and Bash integration tests to achieve over 90% test coverage report

Fol.io | Android Studios, Java, GitHub | LA Hacks   April 2018

- Collaboratively developed Android application that provides financial analysis of stock portfolio
- Utilized Google Natural Language API for sentiment analysis of web-scraped articles
- Integrated Blackrock's Aladdin API to retrieve stock data and perform risk analysis
- Awarded **Best Use of Google Cloud Platform** out of 76 submitted projects

FIFO | Android Studios, Java   February 2018

- Developed Android mobile app to eliminate consumer wait times in lines
- Adapted to Wi-Fi limitations by utilizing Bluetooth server-client communication
- Discussed API design choices in a team and participated in pair programming

Hidden Gems | HTML, CSS, JavaScript, GitHub | Hack on the Hill 3   November 2017

- Collaboratively developed Yelp-like web server that highlights underrated locations
- Learned and integrated tools such as Node.js, Google Maps API and Firebase within 12 hours