Ohreum Kwon

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Education

AUGUST, 2020 - CURRENT

San Jose State University / Software Engineering - San Jose, CA

SEPTEMBER, 2016 - JUNE, 2020

De Anza Community College / Computer Science - San Jose, CA

RELEVANT COURSE WORK: 1. DATA ABSTRACT AND STRUCTURE 2. UNIX/LINUX

SJSU GPA: 4.0; OVERALL GPA: 3.3

Projects

CURRENT

Website Development / Typescript, HTML, CSS

- Building resume website using Angular
- Implemented Angular materials to structure and display resume contents

NOVEMBER, 2020

Morse Code Translation / C++

- Implemented binary tree for faster search when translating Morse code to English
- Implemented map for translating English to Morse Code

NOVEMBER, 2018

Android Application Development / Java

- Learned basic knowledge and structures of Android Application

MAY, 2018

Percolation / Java

- Estimated the value of the percolation threshold via Monte Carlo simulation
- Used dynamic two-dimensional array to create model and used union method to check percolation
- Calculated statistics such as mean, standard deviation, and low/high endpoint of confidence interval

Experience

FEBRUARY, 2018 – CURRENT

Math Teacher / Eye Level Learning Center - San Jose, CA

- Taught Elementary and Middle School Level Math
- Learned to manage different types of children
- Guided students understand difficult problems

FEBRUARY, 2018 – APRIL, 2018

Teacher Assistant / Zion Academy - San Jose, CA

- Co-led Intro to C++ geared toward middle school students
- Helped troubleshoot problems that students encountered
- Solidified basic knowledge in C++ through reviews and lectures