

Paul Choi

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EDUCATION

University of California San Diego, San Diego, CA
B.S. in Mathematics-Computer Science

2015 – Present
Expected: March 2018

Coursework: Object-oriented Design; Advanced Data Structure; Algorithms; Architecture; Discrete Math

Irvine Valley College

2013-2015

- Dean's Honors List
- Service Coordinator of Honors Program
- Student Ambassador Program

PROFESSIONAL EXPERIENCE

Department of Computer Science and Engineering, San Diego, CA
Computer Science Peer Tutor / Student Assistant

September 2016 – Present

- Instruct and assist students on facets of Java, object-oriented design, and IDE.

SBM Korea, Seoul, Korea
Quality Engineer Intern

June 2015 – August 2015

- Collaborated with product management to design, build, and test systems
- Debugged and modified software components (Java, Eclipse)

PROJECTS

Online Portfolio

- Designed online portfolio from scratch using HTML, CSS, Javascript, Bootstrap, and other APIs.

Auto-Complete Project

- Implemented a program to store words in the dictionary and auto-complete user's input prefix(C++)

2048 Game

- Improved original 2048 board game by adjusting board size and created GUI with JavaFX

Huffman Encoding

- implement a Huffman code file compressor and decompressor by extending basic I/O functionality of C++ to include bitwise operations

SKILLS

Programming Language

- Java, C, C++, HTML, CSS, JavaScript, SQL, and PHP

Programming Tools

- Git, eclipse, vim, android studio, and Unity