

Keon Hee (Matthew) Lee

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Technical Proficiency

- Programming Language: Java, Python, C++, C, Swift, Javascript, HTML, CSS, SQL
- Tools / Frameworks: Git, Bootstrap, Eclipse, Xcode, Command Line

Experience

Teaching Assistant at SFU, Burnaby, BC, CA

May 2020 to August 2020

Courses taught:

- Introduction to Computing Science and Programming I
- Introduction to Computing Science and Programming II
- Data Structures and Programming

Responsibilities:

- Taught in C++, C, and Python
- Provided assistance to students with learning data structure and algorithms, and help them debugging problems
- Worked closely with professors to discuss teaching and course improvement

Teaching Assistant at SFU, Burnaby, BC, CA

May 2019 to August 2019

Courses taught:

- Introduction to the Internet and the World Wide Web

Responsibilities:

- Taught Javascript, HTML, CSS
- Instructed and assisted students with creating and designing websites
- Accommodated weekly office hours where students may get help from assignments and course concepts
- Held weekly meetings with a professor to report students' progress and discuss improvements to the course

Software Developer Intern at PCT co. LTD, Seongnam, Gyeonggi-do, South Korea

May 2017 to September 2017

- Worked on a project called Tactile WRITER that translates image to braille for blind people
- Improved image processing by 15% by implementing multi-threading using Python
- Troubleshoot deadlock by using Python profiler to figure out where it is caused
- Initiated test plans and implemented test automations using Python
- Used: Python, MySQL, Git, PyCharm, AWS S3

Project

Tetris

July 2020

- Implemented iOS version of Tetris (Runs on both Mac, iPhone and iPad)
- Used: Swift, Xcode, Git

Education

Simon Fraser University

Bachelor of Science, Mathematic and Computing Science (Class of 2021)

Sept 2016 - Present

- Courses: Data Structure and Programming, Computer Linear Algebra, Computer Calculus, Mathematic and Computation Permutation Puzzle, Algebra: Ring and Field, Coding Theory
- Languages Learnt: Python, C, C++, MATLAB, Maple
- on Dean's Honour Roll (Summer 2020 and Spring 2020)

Interest

- Interested in AI, full stack, game development, mobile, and web app
- Like playing games (Pokemon, Tetris, Kart Rider Rush, etc)