Jong Lee

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Programming
C
C++
Python
Javascript

Tools & Frameworks
HTML & CSS
Unix/Linux
Shell script
MongoDB
node.js
express.js
Jquery
Matlab
Mathematica

Languages
Korean

Education

2016 - 2020	**Bachelor of Science in Computer Science** • GPA: 3.9	Tufts University

Relevant Coursework

Intro to Computer Science, Data Structures, Web Programming, Discrete Math, Machine Structure and Programming, Game Design
Spring 2018: Algorithms, Mobile Development

Experience

09/17-Now — **Research Technology Intern** — Tufts Technology Services
• Create and improve web application templates and forms
• Organize data on LabArchives, an electronic lab notebook used by researchers, and develop widgets to provide better interface
• Support/troubleshooting on issues via phone, remotely, or onsite
• Migrate templates and forms from one solution to another

07/15-05/16 — **Biomedical Engineering Intern** — New Jersey Institute of Technology
• Coded in Matlab to improve toolboxes like Statistical Parametric Mapping, and Group ICA of fMRI toolbox
• Submitted a research abstract to the Northeast Bioengineering Conference and competed in the undergraduate design competition

07/17-08/17 — **Independent Contractor** — Varsity Tutors
• Taught SAT Math to high school students online and in person

Projects

04/2017 — **Gerp** — C++
• Created a program like the Unix command grep using a trie as the main data structure
• Implemented a breadth first search algorithm to traverse through all the files
• Developed skills to distinguish which algorithms and data structures are most efficient for run time and space requirements

09/2017 — **Simlines** — C
• Created a program that takes in any number of files, and outputs instances where two or more lines are similar
• Implemented a hash table where the key was the line itself and the value was the line info
• Learned to use other people's interfaces and link them into my own program to increase efficiency in run time and space usage

03/2017 — **Alternative Facts** — Javascript
• Created a game where players receive 3 facts, where 2 are true and 1 false. Players identify the false fact
• Created using node.js, MongoDB, and Heroku
• Developed basic skills in front-end and back-end developing