

Email

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Github

[jonghoonlee98](https://github.com/jonghoonlee98)

Programming

C

C++

Python

Javascript

Tools & Frameworks

HTML & CSS

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

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
- Developed communication skills

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, and how they interact