

Address

328 Broad Ave 2FL
Leonia, NJ 07605

Telephone

(201)-820-8644

Email

jong.lee@tufts.edu

Github

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

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

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