Daeseob Lim
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Education

Tufts University School of Engineering, Medford, MA
Bachelor of Science in Computer Science and Minor in Mathematics, expected May 2021
G.P.A 3.73, Dean's List

- Relevant Courses: Data Structure, Computational Analysis, Web Programming, Machine Structure and Programming Languages, Intro Electrical System, Digital Electronics, Computational Theory
- Future Courses: Algorithms, Machine Learning
- Activities: Tufts Track and Field
- Hobbies: Soccer, Reading, Running, NBA

Projects

Subble

- Worked with Spotify API (REST API) to create a website that organizes tracks in a playlist by a given category (danceability, energy, etc.). The data of the playlist is then displayed graphically. The project utilized JavaScript, jQuery, and Heroku. https://subble.herokuapp.com/

NBA Rating

- Accumulated all current NBA players' stats and salaries from Basketball-Reference.com to analyze and determine which NBA players are underpaid or overpaid through a player's rating by his stats line such as free throw percentage, rebounds per game, etc. Furthermore, I gathered age of each player as well to analyze age's effect on players at the most professional level. (Done through MatLab)

RPN Calculator

- Created an optimized Universal Machine that executes a program in Universal Machine Assembly language in C. The UM then was used to execute RPN calculator written in assembly code.

Experience

Ambit Electronics, Data Intern, June 2018 – August 2018

- Logged and organized incoming and warehouse inventory from foreign companies on Excel. Compared/analyzed potential clients' bids on components to determine the most profitable choice. Advertised and conversed with potential clients. Researched foreign electronic markets.
- Created Purchase Orders and Invoices on PeachTree/Sage 50

Nyack Hospital, Worker, June 2014 – August 2016

- Prepared X-Rays filters for reading and analysis. Transported patients from departments to departments. Discharged patients. Supplied medical stocks to different departments

Skills

Programming Languages: Microsoft Office (Excel), C++, C, MatLab, HTML, CSS, JavaScript, Linux, Heroku, MongoDB, GitHub, Node.js, Python
Foreign Languages: Korean