Daeseob Lim

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https://thedaysob.github.io/Daeseob/

EDUCATION

Tufts University - Medford, MA — Expected: May 2021

Bachelor of Science in Computer Science with Minor in Mathematics

- Activities: Tufts Track and Field, ARC Tutor, Jumbo Code, Tufts Ping Pong, Intermural Soccer
- Relevant Coursework: Intro Machine Learning, Algorithms, Calc I-III, Real Analysis, Mach Struc & Programming, Web Programming, Intro Digital Electronics, Computational Theory, Linear Algebra
- Interests: Web Applications, Machine Learning
- GPA: 3.73

SKILLS

Programming Language:

- C, C++, MatLab, HTML, CSS, JavaScript, TypeScript, Python

Software/Libraries:

- Microsoft Excel, Angular, RxJS, Node.js, MongoDB, Linux, X3DOM, Git

Foreign Language:

- Korean (Read/Write)

Hobbies:

- Cooking, Running, Basketball, Soccer

EXPEIRIENCE

Topcon Healthcare Solution – Oakland, New Jersey — June 2019 – August 2019

Software Engineering Intern

- Designed, developed and implemented client friendly web applications/components to provide an organized viewing of medical analysis of the eye for ophthalmologists
- Created a service which sent x, y coordinates across multiple eye imaging components (fundus image, b-scan, 3D surface model, etc.) so that doctors can see the same point across different eye analysis

Ambit Electronics – Spring Valley, New York — June 2018 – August 2018

Data Entry Intern

- Reviewed and updated client correspondence files and adjusted database on Microsoft Excel to maintain accurate records
- Outlined appropriate processes and procedures to fulfill and complete inquiries including comparing bids from clients, creating purchase orders and invoices

PROJECTS

Bank Exit/Breast Cancer

- Constructed supervised machine learning models, neural network, to solve binary classification problems: Whether the client will exit the bank and whether the patient has breast cancer, using Python libraries: Keras and TensorFlow

NBA Score

- Utilized National Basketball Association's REST API to create a website that displays NBA games today with live score updates

NBA Rating

- Manipulated National Basketball Association players' statistics to analyze the correlation between the players' salary and their skills, and the players' age and their skills through least square linear regression

Mushroom Classification

- Trained a decision tree to determine whether a mushroom is edible or poisonous in python

RPN Calculator

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