

Daeseob Lim

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<https://thedaysof.github.io/Daeseob/>

EDUCATION

Tufts University - Medford, MA

Expected: May 2021

Bachelor of Science in Computer Science with Minor in Mathematics

- Relevant Coursework: Intro Machine Learning, Algorithms, Calc I-III, Real Analysis, Mach Struc & Programming, Web Programming, Intro Digital Electronics, Computational Theory, Linear Algebra
 - Interests: Full Stack Web Applications, Machine Learning
 - GPA: 3.73
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EXPERIENCE

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

Academic Resource Center – Medford, Massachusetts

August 2019 – Present

One-on-one Tutor

- Tutor students in computer science courses including Data Structure, Web Programming, and Computational Theory at Tufts University
- Review key topics and concepts before tutoring sessions and must meet a 5 hours/week quota

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
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SKILLS

Programming Language: C, C++, MatLab, HTML, CSS, JavaScript, TypeScript, Python

Software/Libraries: Excel, Angular, RxJS, Node.js, MongoDB, Linux, X3DOM, Git, Keras/TensorFlow, Jupyter Notebook, Heroku

Foreign Language: Korean (Read/Write)

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
- <https://github.com/thedaysof/DeepLearning/blob/master/Bank%20Customer%20Exit%20Prediction.ipynb>
- <https://github.com/thedaysof/DeepLearning/blob/master/Breast%20Cancer%20Detection.ipynb>

NBA Score

- Utilized National Basketball Association's REST API to create a website that displays NBA games today with live score updates
- <https://live-nba-scores.herokuapp.com/>

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
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ACTIVITIES

Tufts Track and Field: Train for pole vault and triple jump every day for roughly 2-3 hours during Winter and Spring. Participate at DIII Track and Field competitions.

Jumbo Code: Design and program a rental service application for Tufts TV with a team composed of Tufts students

Intermural Soccer: Participate in pick up soccer games on every Sunday mornings