

## Jeffrey S. Lee

jfslee.com | yerffejseel@gmail.com | 650-302-3028 | LinkedIn: jeffreylee622 | GitHub: yerffejseel

### EDUCATION

#### University of Washington - Seattle

Expected Graduation, June 2027

Major: Computer Science

- **GPA:** 3.85/4.00
- Related Coursework: Applied Linear Algebra and Numerical Analysis, Data Structures and Algorithms, Intro to Neuro/AI, Web Programming

### Projects

#### Image Identifier Neural Network

Personal Project

- Developed a convolutional neural network that identifies images of 10 different classes of objects
- Identifies classes of objects and animals with ~70% accuracy
- Used backpropagation and gradient descent techniques to train and test CNN model

#### Number Classifier

Personal Project

- Developed a deep neural network that identifies grayscale images of digits from 0 to 9
- Identifies images of numbers with ~97%+ accuracy
- Used backpropagation and gradient descent techniques to train and test DNN model

#### Workout Web App

Personal Project

- Developed a web app used for tracking workout exercise name, reps, and weight using MERN stack
- Used Javascript, HTML, and CSS to design front and back end of a web app to make tracking workouts more efficient and simpler
- Used React.js and Node.js to implement the frontend and backend functionalities

#### Book Notes App

Personal Project

- Utilized a combination of JavaScript, EJS, CSS, PostgreSQL, Node.js, and Express.js to develop a web app for reviewing and taking notes on books
- Integrated API requests for searching for books through a public API

### Non-Technical Experience

#### Galileo Camps

June - August, 2022, 2023

Summer Intern

- Managed camp operations for campers, ran camp events, educated campers in STEM

### Activities and Leadership

#### Chinese Student Association

Seattle, Washington

Membership Chair

October 2023 - Present

- Assisting in designing, planning, and organizing Chinese cultural events, volunteering in Chinese community events

### Skills

**Programming:** Java, Python, Javascript, PostgreSQL, HTML/CSS, MATLAB, R

**Technologies:** React.js, Node.js, Express.js, Pandas, Git