

## Jeffrey S. Lee

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### 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

#### Personal Portfolio Website

Personal Project

- Developed a dynamic and professional webpage to showcase my projects, provide information about myself, and offer easy access to contact details
- Utilized a combination of JavaScript, HTML, and CSS to craft user experience, incorporating basic designs and responsive layouts

### Non-Technical Experience

#### Galileo Camps

June - August, 2022, 2023

Summer Intern

- Managed camp operations for campers, ran camp events, educated campers in problem-solving skills, critical thinking skills, and STEM fields

### 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:** Python, Javascript, Express.js, PostgreSQL, HTML/CSS, Node.js, React.js, MATLAB, Java