

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

Book Notes App

Personal Project

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

Workout Web App

Personal Project

- Developed a web app used for tracking workout exercise name, reps, and weight using MERN stack
- Used React.js, Express.js, and PostgreSQL to implement the frontend and backend functionalities

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