

Jordan Lee

+1 360 624 7582 | Seattle, WA | jordanlee.swe@gmail.com | [linkedin.com/in/airjlee](https://www.linkedin.com/in/airjlee) | github.com/airjlee

SKILLS

Java (preferred) | JavaScript/TypeScript | Python | C# | HTML/CSS | React | Spring | Flask | Tensorflow | SQL | PostgreSQL | MongoDB | Express.js | Node.js | .NET | Entity Framework | PostMan | Amazon Web Services (AWS) | Keras | Junit

EDUCATION

University of Washington, Paul G. Allen School of Computer Science

Seattle, WA

BS Computer Science with Interdisciplinary Honors: GPA 3.98/4.0

Graduating Spring 2025

EXPERIENCE

University of Washington

Seattle, WA

AI/ML Undergraduate Research Assistant

February 2023 - Present

- Conduct preliminary data preprocessing and assist in training a CNN for protein structure prediction using cryo-EM maps; [DeepTracer](#)

Dubhacks Next UW Startup Incubator

Seattle, WA

Entrepreneur in Residence

January 2023 - Present

- 1 of 20 UW students selected to be a part of a collaborative diverse cohort of student entrepreneurs and founders.

Mari

Seattle, WA

Full-Stack Software Engineering Intern

January 2023 - June 2023

- Implemented caching and rate-limiting strategies with Spring resulting in a **53%** increase in response times
- Contributed to data splitting and model training processes in the development of a DL recommendation algorithm
- Worked on API calls and back-end design, implementing robust authentication and query parameterization mechanisms
- MySQL, Java, SpringBoot, React, Python, Tensorflow

Dubhacks Next UW Startup Incubator

Seattle, WA

Full-Stack Software Engineer

August 2022 - January 2023

- Created new REST API endpoints to optimize the retrieval of DH news/testimonial data and reduce payload size by over 40%. Improve NEXT web system speed by up to 70%
- Coordinated with other Next members to meet sprint deadlines and present products to directors in an Agile environment
- React, MongoDB, Node.js, Express.js, Tailwind, Figma, HTML/CSS

Massachusetts Institute of Technology

Remote

Research Intern under Professor L. C. Yang

June 2022 - August 2022

- Researched the applications of ML and NLP for verbal aircraft radio communication using real-life audio samples
- Converted samples to normalized spectrograms and trained a 5-layer LSTM for speech transcription, achieving a precision score of 90.2%, recall score of 94.6% and F1 score of 92.3%
- Performed sentiment analysis using NaiveBayesClassifier to determine urgency and tone of speaker
- Jupyter Notebook, Python, Tensorflow, Keras, NLTK

City of Mukilteo

Mukilteo, WA

Chair of Culture and Diversity Researcher

September 2020 - September 2022

- Used HuggingFace and NLTK to study the Native American language Lushootseed, training models for translation and semantic analysis

PROJECTS

Lookbook

- Fashion is inherently social. Create a platform for people to connect with others through their outfits
- PERN Stack. Google Vision API integration to identify clothing from photos similar to [Pinterest Shop the Look](#)

OpenAI Jukebox

- Train OpenAI's Jukebox model to generate audio samples for rap and korean song; contribute to open source repository

LeetNotes

- Create a personal chrome extension to prompt feynman/active recall responses after submitting a LeetCode problem
- Write GraphQL APIs and integrate Notion and Google Sheets API for the backend notes storage