

Dom Ellis

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Education

University of Oregon, BS in Computer Science

Sept 2022 – May 2026

- **Coursework:** Computer Organization, Data Structures, Algorithms, Unix and C++
- **Awards:** Deans List, Mind's Move Mountains Scholarship

Experience

Machine Learning Research Intern, Grok AI – San Francisco, CA

Apr 2024 – Present

- Contributed to an emerging startup focused on leveraging artificial intelligence for innovative research and consulting projects.
- Worked under the mentorship of the Head of Enterprise Product Management at You.com, focusing on AI-driven solutions for product strategies.

Projects

ML Sentiment Analysis

[Link](#)

- Developed a machine Learning model to classify user product reviews as positive or negative
- Trained and fine-tuned a logistic regression model using scikit-learn through supervised learning
- Improved review sentiment classification with efficient preprocessing, dataset labeling, and input cleaning
- Tools Used: Python, React(frontend), Flask(backend API)

DevNet

[Link](#)

- Built a full stack social media app during HackUO, a University of Oregon hackathon
- Headed the frontend division and collaborated with a team of 5 to design and implement key features such as user authentication and real-time posts, as well as a seamless and modern user experience
- Development of a functional prototype within 24 hours showcasing proficiency under pressure
- Tools Used: Express.js(backend), React(frontend), MongoDB(database),

Ecommerce Store

[Link](#)

- Designed and developed an ecommerce storefront to enhance online shopping experiences
- Developed features such as product filtering, dynamic cart management(add,remove,adjust quantity), and checkout functionality
- Demonstrated scalable state management and user-friendly navigation in a mock online store
- Tools Used: React, Javascript, fake-store API

Technologies

Languages: C++, C, JavaScript, Python, C#, SQL, CSS

Technologies: React, Flask, NodeJS, REST APIs, TailwindCSS, FramerMotion

Other: Git/Github, Visual Studio Code, MongoDB, Spline