

# Sam Windheim

Software engineer with a Bachelor's in Computer Science, driven by an adaptive mindset to leverage AI and emerging technologies for skill growth. Focused on industry trends and delivering client solutions. Seeking a developer role.

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## EXPERIENCE

### Outlier AI, Remote — *Freelance Code Reviewer and AI Trainer*

May 2024 - Current

Performed analysis of code responses from large language models, assessed output for quality, debugged, and made corrections.

### City of Eugene, Eugene, Or — *Park Landscaper*

June 2024 - September 2024

General maintenance for Eugene parks. Included basic landscaping, trash collection, and wasp nest removal.

### Friendly Street Market, Eugene, Or — *Cashier/Stocker*

June 2023 - June 2024

Received groceries from suppliers and stocked the shelves of the store. Managed the register and opened and closed the store.

## PERSONAL PROJECTS

### Cover Letter Generator | Full-Stack Web Application solo 2025

Developed a web application using FastAPI and React that automatically generates tailored cover letters by analyzing resumes against job descriptions. Integrated OpenAI's API for intelligent content generation and built a robust backend system handling file uploads and data processing. Implemented secure environment variable management and comprehensive error handling for reliable API interactions. [github repository](#)

### PDF Agent: AI-Powered Document Analysis System solo 2025

Developed an intelligent chatbot using Python and LangChain that leverages Retrieval-Augmented Generation (RAG) to process PDF documents via vector embeddings and semantic search. Implemented conversation memory management and metadata extraction using OpenAI's API, enabling natural language interaction with document content. [github repository](#)

### Time Series Forecasting Project team university project 2024

Collaborated in a team of 5 using Agile methodologies to develop a time series analysis application over 8 weeks. The tool enables data scientists to compare forecasted predictions with actual outcomes. Contributed to both the back end and front end development. Utilized Jira for project tracking and team coordination.

## TECH SKILLS

### Programming languages:

Python, C, C++,  
Javascript, Typescript,  
HTML/CSS

### Tools and platforms:

SQL,  
Git, Docker, Cursor AI,  
macOS, Linux, Bash/Zsh  
Shell, Jira, Scrum

### Frameworks:

REST API,  
Langchain, React

### Favorite LLMs:

Gemini 2.5 pro  
GPT 4.1 nano

## SOFT SKILLS

Collaborative team player  
with workplace experience

Effective communicator  
with strong written skills

Quick learner who adapts to  
new tools and workflows

## EDUCATION

### Bachelor of Science

### Computer Science

Apex Scholar  
University of Oregon  
June 2024, Eugene, OR

### High School

### Advanced Honors Diploma

Sherwood High School  
May 2020, Sherwood, OR