Timothy Nikolaev

Eugene, OR | (520) 270 – 6147|timmynikolaev.student@gmail.com | www.linkedin.com/in/timothy-nikolaev

SUMMARY

I am a fourth-year Computer Science student at the University of Oregon, with minors in Mathematics and Earth Science. I have hands-on experience in web development and data analysis, including developing and maintaining websites for the University of Oregon's Continuing and Professional Education program, and interning in London, where I built data scraping tools to collect and analyze web data for competitive insights. I enjoy solving complex technical problems and applying my skills across diverse areas of computer science, from backend systems to data-driven applications.

EDUCATION

Bachelor of Science Computer Science | University of Oregon | Eugene, OR
Expected June 2026 | *Minor: Mathematics, Earth Sciences*
Cumulative GPA: 3.63 | Major GPA: 3.6
Relevant Coursework: Data Structures & Algorithms, Operating Systems, Database Processing, Software Engineering, User Interfaces, Introduction to Artificial Intelligence, Game Programming, Linear Algebra I & II

KEY SKILLS

Languages: Python, C, C++, SQL, HTML, CSS, JavaScript, PHP
Tools & Frameworks: Git, Linux, MongoDB, Unity, Blender, ML Libraries (PyTorch, scikit-learn)
Core Skills: Web Development, Databases, Machine Learning, Data Analysis, Game Development

PROJECTS

Grubify AI – Smart Grocery & Meal Assistant (https://grubify.ai) **January 2025 – March 2025**

- Designed and implemented an AI-powered grocery planner using Python and FastAPI.
- Integrated OpenAI APIs to generate meal plans and shopping lists based on user input.
- Collaborated in a team of four to deploy and test the system, achieving 90%+ accurate meal suggestions.

Coulomb Stress Visualization App (In Development) **August 2025 –Present**

- Designing an interactive tool to compute and visualize Coulomb stress changes following seismic events.
- Uses Python, Plotly, and USGS earthquake data APIs to model stress transfer and fault interactions.
- Aims to make earthquake stress analysis more accessible for public education and research.

Personal Website (https://9timbo9.github.io/Personal-Website/)

- Created a responsive website using Next.js and Tailwind CSS to showcase projects and experience. Deployed via Vercel with integrated GitHub CI/CD.

WORK EXPERIENCE

Web Developer, UO Continuing and Professional Education (Eugene, OR) **November 2023 – Present**

- Build and maintain responsive web pages for university clients using HTML, CSS, PHP, Git, and JavaScript.
- Collaborate with the IT team to optimize site performance and mobile accessibility.

Intern, Brevia Consulting (London, United Kingdom) **Jun 2024 – Aug 2024**

- Created data-scraping tools to collect competitor insights and export analytics to Excel.
- Conducted data analysis for a public-policy press release tracking health-related parliamentary mentions.

Math Grader, University of Oregon (Eugene, OR) **Mar 2024 – Present**

- Evaluated and provided feedback on assignments for Discrete Mathematics II to ensure grading consistency.
- Supported instructors by maintaining clear documentation and grade records.