

Oscar Chinbat

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EDUCATION

B.S. in Computer Science

Central Washington University

Expected Graduation, June 2026

Ellensburg, Washington

- **Minor:** Mathematics / **GPA:** 3.97/4.00, *Dean's List*
- **Related Coursework:** Advanced Data Structures & Algorithms, Discrete Mathematics, Database Management, Computer Architecture, Data Mining, Machine Learning & Computational Intelligence

EXPERIENCE

AI Software Engineer Co-OP

Gobicraft

Sep 2025 – Present

- Developed an interactive **3D visualization system** using **Three.js**, generating and rendering **3D matrices and shapes** with dynamic real-time updates.
- Integrated Generative AI to automatically modify and extend the **3D codebase**, allowing AI-driven creation and transformation of shapes within the scene.

AI/ML Research Assistant

Central Washington University

Jun 2025 – Sep 2025

- Implemented KNN to predict housing prices based on location and property features, improving model precision by **12%**.
- Applied KNN to classify handwritten digits from image data, achieving **95%** prediction accuracy.

Software Development Engineering Intern

Pypup.com

Jun 2024 – Sep 2024

- Implemented a flash-card feature for the platform, utilizing Angular and Tailwind CSS for the front end and NestJS for the back end, resulting in a **30%** boost in website traffic and attracting approximately **500** daily users.
- Developed and consistently updated comprehensive technical documentation for both frontend and backend components, leading to a **20%** reduction in troubleshooting time and a **15%** increase in onboarding efficiency for new team members.

Software Development Engineering Intern

Mongol Content LLC

Jun 2023 – Sep 2023

- Developed a mobile application for iOS and Android using React Native.
- Converted the MPT Pay banking application from its native language to React Native, allowing the company to cut development costs by **50%**.

Software Development Engineering Intern

Steppelink LLC

Jun 2022 – Sep 2022

- Developed a mobile application for iOS and Android using React Native.
- Gained knowledge of React Native's lifecycle and hooks while creating pixel-perfect user interfaces.

PROJECTS

Invest AI - Founding engineer

- Built a portfolio management feature allowing users to choose from a database of **5,300+ companies** and view **real-time price action** with data refreshed every second, and published it on the App Store.
- Integrated OpenAI's ChatGPT API, enabling **24/7 AI-powered interaction** and reducing research time by **40%**.
- Developed an **AI chatbot** that provides **market overviews** and discusses **price action trends**, engaging over **50-100 active users monthly**.
- Implemented **AI-based stock analysis tools** that improved investment insight accuracy by **30%**, helping users make more informed trading decisions.

ACTIVITIES AND LEADERSHIP

Teaching Assistant for CS 143 (Data structures)

Seattle Central College

Jan 2024 – Mar 2024

Seattle, Washington

SKILLS

Programming: Java, Python, TypeScript, SQL, Node.js, NestJS, Angular, React Native, Firebase, Jupyter Notebook, RDBMS

Tools: Cursor, Kaggle, Git, Jira, Slack