

Chris Ho

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EDUCATION

Oregon State University

Expected Graduation: June 2027

B.S. in Computer Science, Minor in Innovation & Entrepreneurship

- Coursework: Data Structures, Web Development, Object-oriented Programming (OOP), Discrete Math
- Scholarship: 1st Place 2023 LifeSmarts National Trivia Championship, served as Team Captain.
- **Vice President** – Hackathon Club: Managed hackathons and led AI/ML + software development workshops.

EXPERIENCE

Founder

May 2024 - Present

Arctex Inc.

- Founded a startup developing artificial intelligence productivity software, leading a team of 15+ developers.
- Launched cross-platform products with JavaScript, React, Express, Node, MongoDB, Selenium, and OpenCV.
- Developing [FormHelper.org](https://formhelper.org): Website + Chrome extension AI assistant that helps people fill out forms faster.
- Built a 3D company website: ArctexSoftware.com using Three.js and sold prebuilt website templates.

Software Engineer Intern

May 2024 - Present

Center for Applied Systems & Software

- Developed frontend UI for a healthcare product marketplace using React, Redux, and TypeScript.
- Enhanced backend microservice performance and efficiency by utilizing Python, Flask, C#, .NET.
- Utilized container-based architecture using Docker and Dapr for deployment and scalability purposes.
- Implemented an Azure AI prompt flow model outputting a JSON given a product description.

Teaching Assistant

April 2024 - June 2024

Oregon State University

- Instructed 60+ students for a C++ programming course by supervising labs and office hours.
- Troubleshoot technical issues and provided constructive feedback to help students understand key concepts.

Research Assistant

February 2024 - May 2024

Oregon State University

- Created a backend with Python and SQL that matches materials with suitable manufacturing processes.
- Cooperated with faculty from multiple university programming and research teams from across the nation.

Software Engineer

January 2024 - June 2024

Laugh Lab

- Spearheaded the website for a hand sanitizer startup: LaughLab.org using React, Tailwind, and Typescript.
- Generated \$1,700+ in revenue by managing the product operations team, selling 480+ total bottles.

PROJECTS

BeaverEats.org | React, JavaScript, Tailwind

- Created a crowdsourced review site for places to eat at Oregon State University using the Google Maps API.
- Achieved 2nd place in OSU Google Hacks 2023 with a team of four, completing the project in 48 hours.

[PodcastToText](https://PodcastToText.com) | React, JavaScript, Bootstrap, Python, Django

- Developed a full-stack podcast MP3 audio transcription website using React + Django tech stack.
- Utilized Vosk, an open-source speech-to-text model, for generating accurate text transcriptions.

SKILLS

Languages: Python, JavaScript, TypeScript, Swift, C#, C++, SQL, HTML, CSS

Technologies: React, Node, Express, MongoDB, Docker, Django, Tailwind, SwiftUI

Tools: Git, GitHub, Figma, Axios, Vite, Netlify, Vercel, Xcode, Visual Studio Code