

# Stanley Eng

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## EDUCATION

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### Oregon State University

Corvallis, OR

Bachelors of Science in Computer Science - GPA: 3.9/4.0

Expected June 2027

- Relevant Coursework: Data Structures, Web Development, Analysis of Algorithms, Operating Systems, Databases

## EXPERIENCE

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### Software Developer

June 2025 - Present

BeaverHacks - Hackathon Club

Corvallis, OR

- Architected and deployed scalable backend infrastructure supporting a 6x growth in participant capacity from 50 to 300+, enabling BeaverHacks to become Oregon's largest collegiate hackathon.
- Developed an admin dashboard with analytics and user management capabilities, enabling organizers to monitor registration metrics, approve submissions, and manage 300+ participant accounts
- Implemented BetterAuth authentication system with role-specific permissions (participant, judge, admin), securing 10+ API endpoints and preventing unauthorized access to sensitive hackathon data

### Undergraduate Teaching Assistant

Sept 2025 - Dec 2025

Oregon State University

Corvallis, OR

- Mentored 150+ students in JavaScript, Node.js, and Express.js through one-on-one support and structured guidance, strengthening their understanding of web development fundamentals and full-stack application design
- Hosted 5+ weekly office hours to support students on topics including REST API design and Node.js, providing debugging and concept clarification that contributed to a 92% average score across all assignment submissions
- Conducted 20+ weekly code reviews on student web development assignments, delivering feedback on code quality

## PROJECTS

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### Judge - Hackathon Submission Platform | *Next.js, React, TypeScript, PostgreSQL, TailwindCSS, Prisma*

- Deployed a full-stack web platform with Next.js and PostgreSQL for 300+ users with real-time submission tracking and judging management, significantly improving efficiency by reducing manual project submissions and judging
- Engineered a multi-step submission pipeline with form validation, file/video upload support for demos, and post-submission editing, reducing submission errors and eliminating manual status tracking for 300+ participants
- Developed a judging interface with filtering and sorting capabilities, enabling judges to quickly review submissions

### AI Voice Archive - QuackHacks | *ElevenLabs, Next.js, React, TypeScript, PostgreSQL, TailwindCSS, Neon, Prisma*

- Secured 'Best Use of ElevenLabs API' award among 160+ participants at University of Oregon hackathon with an AI-powered platform in Next.js and PostgreSQL to preserve and generate audio messages using AI voice cloning
- Integrated ElevenLabs Voice Cloning API to generate realistic voice models from 1-minute audio samples for users

### Automated Internship Tracker | *Python, Flask, React, TypeScript, SQLite*

- Constructed a full-stack job tracking app that automatically monitors multiple GitHub repositories for over 1300 software engineering postings and delivers an hourly HTML digest to users via Gmail SMTP
- Developed a React and TypeScript frontend with real-time filtering and search by role, company, and location, enabling users to efficiently browse and save relevant internship listings served from a Flask REST API

## LEADERSHIP

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### Tech Lead

May 2024 - Present

Google Developer Group Club

Corvallis, OR

- Designed and delivered weekly technical workshops for 25+ students with live coding demonstrations and exercises
- Organized and facilitated a 10-week club hackathon for 25+ students, coordinating weekly check-ins, technical workshops, and milestone deadlines to guide teams from ideation to final project presentations

## TECHNICAL SKILLS

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**Languages:** Python, C, C++, JavaScript, TypeScript, SQL, Kotlin

**Frameworks/Libraries:** React.js, Next.js, Express.js, Node.js, TailwindCSS, Flask

**Databases:** MongoDB, PostgreSQL, SQLite

**Developer Tools:** Git, GitHub, VS Code, AWS, Docker, Vercel, Prisma ORM, Vite