

Leshi Chen

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EDUCATION

Portland State University M.S., Computer Science	Sept 2023 - Expected June 2025 Portland, Oregon
Portland State University B.S., Computer Science	Jan 2021 - June 2023 Portland, Oregon

TECHNICAL SKILLS

Languages: C++/C, Java, JavaScript (React), TypeScript, Node.js, Python, SQL, HTML/CSS
Technologies / Framework: Linux, Unix, Google Cloud Platform, AWS, Docker, Express, Git, CI/CD, Jira
Database: MySQL, PostgreSQL, MsSQL Server

EXPERIENCE

Graduate Teacher Assistant <i>Portland State University, Computer Science Department</i>	Sept 2023 - Present Portland, Oregon
<ul style="list-style-type: none">Mentor students in C++, C and Java, aiding in debugging code, resolving memory leaks, and achieving a 20% increase in coding proficiency. Delivered instruction on OOP, algorithm, and data structures for enhanced understanding, both as a Tutor and a GTA.Collaborate with diverse groups of students and GTAs to tackle complex operation system challenges, fostering teamwork, troubleshooting coding issues, and promoting critical thinking.	
IT Office Assistant <i>Portland State University, Facilities & Property Department</i>	June 2021 - Present Portland, Oregon
<ul style="list-style-type: none">Implemented a chatbot to automate FAQs, reducing employee onboarding time from 10 days to 6 days, and provided instant support using JavaScript, Node.js, HTML, and SQL.Optimize search engine performance, with a 40% reproduction in average search time achieved through BIRT report creation and SQL optimization using Eclipse, Ms SQL Server, and JavaScript.Offer tech support to 200+ employees, resolving software, hardware and network issues while meeting response targets via Jira and Confluence.	

PROJECTS

System for Anonymous Feedback - Team Lead <i>Technologies: TypeScript, React, Bootstrap, Express, Node.js, PostgreSQL, RestAPI, Agile</i>	Jan 2023 - June 2023
<ul style="list-style-type: none">Led a team of eight members in development of a full-stack web-based system for anonymous feedback submission to the department chair, ensuring student anonymity while facilitating communication.Implemented data input sanitation through Regex to prevent malicious injections and configured automated notification emails.Documented codebase and database architecture, workflows, and backlog for future reference.Organized and facilitated weekly stand-up meetings following Agile practices to ensure effective communication and collaboration within the team and stakeholder.	
FindRecipe Web Application <i>Technologies: JavaScript, Node.js, HTML/CSS, Bootstrap, jQuery, API</i>	Sept 2022 - Dec 2022
<ul style="list-style-type: none">Designed and developed the FindRecipe web application, enabling users to generate recipes based on their input ingredients, fostering culinary creativity.Enhanced user experience by implementing interactive features, including recipe like/dislike and personalized recommendations through integrated APIs, expanding the range of options for users.	
ChocAn Terminal Software System <i>Technologies: Linux, Python, JSON, Waterfall</i>	Jan 2022 - Mar 2022
<ul style="list-style-type: none">Developed a dual-terminal system, with Manager and Provider terminals, offering distinct functions. Managers can manage members/providers and update records, while Providers can verify membership, access member records, and generate summaries.	