Austin Tsow

Sammamish, WA | atsow@icloud.com | (206) 612-8886 | austintsow.com | linkedin.com/in/tsow/

EDUCATION

Gonzaga University   Spokane, WA
Bachelor of Science in Computer Science | Software Security Minor   *Aug. 2022 - Dec 2025*
- **Relevant Coursework:** Algorithms & Abstract Data Structures, Database Management Systems, Design&Analysis-Comp Algorithm, Discrete Structures, Numerical Methods, Operating Systems, Software Development, Software Engineering
- **Activities:** People For & With Others LLC, Association for Computer Machinery, Investment Club, Asian American Union

Bellevue College   Bellevue, WA
Associate in Arts and Sciences | GPA: 3.97   *Sep. 2020 - June 2022*
- **Activities:** Taiwanese Student Association, Computer Science Club, Badminton & Pickleball Club

EXPERIENCE

Applyied   Seattle, WA
Co-Founder   Sept. 2024 - Present

Co-founded an AI platform that optimizes job applications by tailoring resumes to job descriptions using machine learning. Built features like job aggregation, resume enhancement, and application tracking to streamline the process.

Costco (Warehouse)   Issaquah, WA
Food Merch AM Stocking   *June 2023 - Aug. 2024*

Optimized inventory tracking processes to ensure timely product rotation using data-driven instructions. Built strong relationships with customers by providing personalized recommendations and service.

Shanghai Garden   Seattle, WA
Waiter   *June 2020 - Aug. 2024*

Boosted overall efficiency by 35% developing new systems and procedures to improve restaurant operations. Worked collaboratively with staff to ensure excellent service to guests in a fast-paced environment.

Tsow LLC   Bellevue, WA
Data Analyst   *July 2020 - Aug. 2022*

Developed automated data pipelines for real estate listings, ensuring accurate reporting on sales data (Python and Excel). Provided daily updates on real estate activity locally, including new listings, pending sales, and sold properties.

SKILLS

- Java, Python, C++, PostgreSQL, SQL, JavaScript, Node.js, HTML, CSS, React, REST APIs
- Linux, Database, GitHub, Full-Stack Development, Backend Development, TensorFlow, Agile Methodologies
- English (Native), Chinese (Proficient), Korean (Learning)

PROJECTS

- **Password Manager:** Developed a secure password manager using Flask and PostgreSQL, implementing SQLAlchemy for database interactions. Features include password hashing, adding and updating entries, and archiving deleted records for recovery.
- **AI Recipe App:** Created a mobile app that generates recipes based on user-input ingredients, targeting budget-conscious college students. Integrated OpenAI's GPT-3.5 API for recipe generation and designed an intuitive interface for seamless ingredient entry and recipe display.
- **Pharmacy Management Mobile App:** Led the development of a new cross-platform mobile application using .NET MAUI, migrating IPCRX's web functionalities to a seamless mobile experience for iOS and Android. Managed API integration for core features like prescription ordering, account management, and real-time notifications. Oversaw spring planning and task delegation as Scrum Master.
- **Shoal:** Founder and lead for the development of an AI-enhanced community-centric rideshare platform. Developed scalable backend architecture, implementing matchmaking algorithms using Python and SQL to optimize performance and user experience.
- **Personal Website:** Engineered a comprehensive portfolio website using HTML, CSS, and JavaScript; integrated user interface design principles to enhance accessibility and aesthetics.
- **Footstep Prediction Visualizer:** Built a predictive model using TensorFlow, focusing on data ingestion and algorithmic processing.
- **Gonzaga Voice Assistant:** Designed and implemented a voice assistant service for *gonzaga.edu*, leveraging natural language processing and web scraping to respond to user queries interactively. The system integrated both front & backend functionalities for user engagement.