

# Ying (Joy) Chen

Active Security Clearance | ychenx@uw.edu | <https://abc88p.github.io/joy-portfolio/>

**Technologies:** Java, Python, JavaScript, SQL, HTML/CSS, React, Git, GitHub, AWS(S3, Route 53), Firebase, R  
**Languages:** English (Fluent), Chinese (Native)

## EDUCATION

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**Bachelor** | University Of Washington 06/2026c  
*INFORMATICS - Software Development*  
Relevant Coursework: Data Structures and Algorithms, Relational Databases, Core Methods in Data Science, Front End Development, Design Methods, Input and Interaction

## EXPERIENCE

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**Aircraft Mechanic** | U.S. Navy | Oak Harbor, WA 06/2019 – 06/2024

- Maintained and updated aircraft data using an aviation management information system, ensuring accurate logs of repairs, inspections, and part replacements. Improved operational efficiency by analyzing maintenance trends and historical data.
- Diagnosed and resolved complex, system-level issues on Boeing P-8 Poseidon under time constraints, consistently sustaining 97%+ mission readiness across high-tempo flight operations.
- Led daily 7-person maintenance shift operations, optimizing workflow and resource allocation to increase completion rates by 10% and improve team accountability.

**Owner/Manager** | Cute Dumplings | Seattle, WA 05/2024 – Present

- Managed day-to-day market operations, coordinating logistics and team scheduling across 23 events and 9 weekly farmers markets.
- Led a team of 16, ensuring smooth execution across multiple locations.
- Developed and executed the brand's digital strategy, managing web presence and social media, resulting in a 50% increase in online engagement.

## PROJECTS

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**Vibe Circle** 01/2026 – 03/2026  
Team project

- Developed a full-stack music social platform using **React** and **Vite**, enabling users to share songs and discover community music tastes through a dynamic, component-based UI built with HTML and CSS.
- Implemented **Firebase Authentication** for secure user account creation and login, and integrated **Firebase Realtime Database** to persist posts and user data across sessions.
- Engineered real-time UI updates using React state management, allowing instant rendering of new posts and form submissions without page reload.

**Cute Dumplings Website (cutedumplings.com)** 10/2025  
Personal project

- Designed and developed a fully responsive, production-ready website using HTML, CSS, and JavaScript, optimized for mobile, tablet, and desktop.
- Deployed and configured the website using AWS S3 + Route 53, including DNS setup, bucket hosting, SSL considerations, and domain management to ensure high availability and fast load times.

## ADDITIONAL

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### Awards & Recognition

- **The Navy and Marine Corps Achievement Medal** | USN 03/2024
- **Dean's Lists** | UW 2024-2026