Jenny Yu

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Education:

University of Arizona - B.S. in Computer Science - *GPA: 3.77*   August 2021-May 2025
Minor - Information, Science, Technology and Arts (ISTA)
- *CS Concepts*: Object-Oriented Programing & Design, Web Development, Database design, Algorithms, Software Development, Computer Organization, Principles of Data Science, Compilers

Projects: Github: **github.com/JennyYu2/Projects**

C Compiler Development
- Engineered a compiler in C to convert C code into MIPS Assembly code.
- Deepened understanding of memory management, pointers, and system architecture.

Slaydoku - Java Sudoku Game
- Developed a Sudoku game using Java, JavaFX and recursive algorithms for puzzle generation and solving.
- Leveraged Object-Oriented Programming (OOP) principles and advanced Java frameworks to deliver a scalable application.

SQL Database Management Simulator
- Designed and implemented an arcade system using SQL allowing users to accumulate tickets and redeem rewards.
- Created and managed relational tables to track prizes, games, scores, and user accounts.

GO Web Scraper
- Created a web scraper that can find code snippets relating to what the user inputs from Stackoverflow, Geeksforgeeks and W3schools.
- Used goroutines for efficient concurrent URL parsing.

Tetris For Life Website
- Designed and developed an interactive website using HTML, CSS, and JavaScript.

Experience:

NOVA Home Loans – *Marketing Technology Specialist*   July 2025–Present
- Manage and optimize marketing workflows within **Jungo CRM** (Salesforce-based, object-oriented platform), implementing automated email campaigns, lead routing, and data flows.
- Design and maintain **flow automations** using Jungo's object-oriented framework to enhance customer relationships and streamline cross-team operations.
- Maintain and update **websites and digital assets** using **HTML** and **WordPress** to ensure consistent branding and functionality.
- Provide **technical support and troubleshooting** for Loan Officers to resolve CRM, website, and integration issues.
- Collaborated with the Engineering and Marketing teams to integrate CRM data pipelines and functionalities to implement scalable, automated workflows.

University of Arizona - *Teaching Assistant*   August 2023-May 2025
- Facilitated student learning in **Computer Organization, Discrete Mathematics II**, and **Object-Oriented Programming & Design** by providing in-depth academic support.
- Evaluated and graded assignments and examinations, ensuring clarity and fairness in assessments.
- Conducted regular office hours to assist students in understanding complex concepts and solving problems effectively.
- Provided leadership and guidance to student teams during group projects.

Technical Skills:

Programming languages: Java, Python, C/C++, Ruby, GO, SML, Prolog, HTML5, JavaScript, CSS, SQL
Tools: VS Code, Eclipse, Pycharm, GitHub, Microsoft Office, Jupyter Notebook, Node.js, Figma, Wordpress, Salesforce