

# Jennifer Lin Rytikoff

Greater Sacramento Area, CA | Bay Area, CA

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GitHub: <https://github.com/jenryt> | Portfolio: <https://jenryt.github.io/EngineeringTheFuture/>

## Objective

Highly motivated full-stack developer with a strong passion for creating innovative solutions. Seeking a challenging position where I can contribute to dynamic and collaborative teams. Committed to delivering efficient and scalable software products that drive user satisfaction and business growth.

## Education

### Georgia Institute of Technology (Atlanta, GA)

Master of Science in Computer Science (OMSCS) | Admitted, Starting Fall 2025

### Sierra College (Rocklin, CA)

Computer Science Coursework (CS GPA: 4.0/ 4.0) | 2024 - 2025

- Highlighted Coursework: Programming Concept/Methods I & II, Computer Architecture & Assembly Language, Discrete Structure for CS, System Programming with C, Web Programming I

### University of California, Berkeley (Berkeley, CA)

Full-Stack Coding Bootcamp | 2023 (Certificate Awarded)

Bachelor of Art in Political Economy | 2016

## Skills

### Technical Skills

- **Languages:** Java, JavaScript, C, SQL, Assembly Language
- **Frontend:** HTML, CSS, React, Redux
- **Backend:** Node.js, GraphQL, RESTful APIs
- **Databases:** SQL (MySQL, PostgreSQL), NoSQL (MongoDB)
- **Concepts:** Data Structures, Algorithms, Computer Architecture, Software Development Lifecycle
- **Tools:** Git, API Integration, Debugging

### Additional Skills

- Fluent in English, Mandarin, and Taiwanese
- Project Management & Event Planning

## Highlight Projects

### Individual Projects

**Space Invaders:** Designed and implemented a Space Invaders game in Java using OOP principles. Developed modular and reusable code to manage game mechanics dynamically. Leveraged arrays and loops for efficient handling of game elements while optimizing user experience.

**eCommerce (backend):** Developed backend for an eCommerce website using Node.js and MySQL for efficient product management.

**Weather App:** Created a weather app integrating OpenWeather API to display real-time forecasts based on user input.

**Timed Quiz Mini Game:** Designed a responsive quiz game with a focus on user interface and optimizing user experience.

### Group Projects

**Snapshot (Capstone Project):** Collaborated with a team to develop a full-stack platform for photographers using React, Node.js, and MongoDB. Built and optimized RESTful APIs and contributed to front-end development, ensuring smooth user interaction.

**The Site, You Camp:** Developed a web application utilizing the Google Maps API to display a list of campsites within a user-specified area based on zip code or city input. Focused on user-friendly search functionality and seamless map integration.

**WanderList:** Created a dynamic travel wishlist app with SQL for robust backend functionality. Focused on user-friendly front-end design and seamless integration with backend data.

## Experience

### **Professional Development and Career Transition | 2019 – Present**

- Self-learned fundamental CS concepts and enrolled in the UC Berkeley Full-Stack Coding Bootcamp.
- Completed an intensive, hands-on program covering full-stack development, software engineering, debugging, and API integrations.
- Built and deployed multiple web applications using React, Node.js, MongoDB, SQL, and GraphQL.
- Achieved 100% course grade in the Full-Stack Coding Bootcamp, demonstrating commitment to excellence.
- Admitted to Georgia Tech's Online M.S. in Computer Science (OMSCS), starting Fall 2025. Actively seeking software engineering roles to apply recent training and academic work.

### **Data Analyst at Drug Enforcement Administration via FSA Federal (San Francisco, CA) | 2019**

- Managed and validated high-volume asset data, ensuring accuracy and compliance with federal regulations.
- Optimized data processing workflows, reducing errors and improving efficiency in DEA asset tracking.
- Worked in a high-security federal environment, maintaining data confidentiality and integrity.

### **Clerk at Sacramento City College (Davis, CA) | 2017 – 2019** Problem-solving, adaptability

### **Barista at Starbucks (Brooklyn, NY) | 2016 – 2017** Communication, teamwork

### **Taiwanese DeCal Instructor at UC Berkeley (Berkeley, CA) | 2014 – 2016** Leadership, curriculum development

### **Mathematics Tutor at Sacramento City College (Davis, CA) | 2013 – 2014** Teaching, mentoring

## Extracurricular Involvement

### **Senior Class Council at UC Berkeley (Berkeley, CA) | 2016**

Demonstrated effective budget management and communication skills while soliciting sponsorships for events.