

Winnie Yu

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EDUCATION

Bachelor of Science, Food Science and Technology | University of Massachusetts, Amherst

- Mastered Google Workspace and Microsoft Suite for team collaboration, project documentation, and technical reporting

SOFTWARE ENGINEERING EXPERIENCE

Software Engineer Fellow

Resilient Coders

Aug 2025 – Present

Boston, MA

- Participating in a full-time, 16-week immersive bootcamp focused on full-stack web development.
- Building dynamic applications using JavaScript, HTML, CSS, Node.js, Express, MongoDB, and React.
- Practicing Agile workflows including daily standups, Git version control, and peer code reviews.
- Developing REST APIs, implementing user authentication, and managing state with React hooks and context.
- Collaborating in cross-functional teams to scope, build, and present full-stack capstone projects.

Full-Stack Developer (Freelance, Ongoing)

Bloom Rich & Co

Sept 2025 – Present

Boston, MA

- Designing and developing a fully functional Shopify e-commerce website for a local retailer, with custom styling and integrated third-party apps.
- Implementing responsive UI using Liquid, HTML, CSS, and JavaScript, tailored for both desktop and mobile.
- Configuring site structure, payment gateways, product inventory, and SEO settings for launch readiness.
- Providing ongoing client support and updates through a self-managed project workflow.

Full-Stack Developer (Personal Projects)

WinnieYuDev - [Github](#)

Aug 2025 – Present

Boston, MA

- Horoscope Website – Fully responsive website with JavaScript functions created with HTML5 and styled with CSS
- Slot Machine Game – Developed an interactive slot machine game built with core game logic to handle randomized spins, win conditions, and scoring
- React Calculator – Deployed a functional calculator application with React and Node.js components, capable of handling chained operations, decimals, and error cases

Research and Development Associate

Mori – Biotech StartUp

July 2020 – October 2023

Boston, MA

- Automated QA data workflows using Excel logic, reducing manual entry and improving accuracy.
- Collaborated with R&D and production teams to validate experiments and streamline implementation.
- Wrote 50+ SOPs and protocols, applying structured documentation practices aligned with technical teams.

Undergraduate Researcher

Department of Food Science

May 2019 – May 2020

Amherst, MA

- Analyzed preservative efficacy using R and Excel, contributing to data-driven research outcomes.
- Created reports and presented findings, building technical communication skills.
- Supported experimental design and data tracking, aligning with QA and testing workflows.

PIC Summer Intern

State Street Financials

June 2025 – Aug 2016

Boston, MA

- Managed 1,000+ records in internal databases, ensuring accuracy and compliance.
- Audited and reconciled data across teams, resolving inconsistencies.
- Improved documentation workflows for faster access and version tracking.

SKILLS

Programming Languages: JavaScript, SQL

Front End: React, HTML, CSS/SCSS, Bootstrap, Tailwind

Back End: Node.js, Express, REST APIs

Design & Accessibility: UI/UX, SEO

DevOps: Docker, Git, GitHub Actions

Databases: MongoDB, MySQL

CMS: WordPress

Domains: Netlify, GitHub Pages, Vercel