

Lily Bui

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EDUCATION

University of Washington Tacoma

B.S. in Information Technology (GPA: 3.97)

Tacoma, WA

Graduated June 2026

Relevant Coursework: Information Assurance, Information Systems Analysis, Web Design and Programming, Information Management, Network Security, Windows System Administration

SKILLS

PROGRAMMING: HTML/CSS, JavaScript, C#, Python, Java

CYBERSECURITY: Cisco, Windows, Nmap

WEB DEVELOPMENT: Fast API, React.js, Vue.js, Node.js, REST APIs, Responsive Design, Express JS

DATABASE & CLOUD: PostgreSQL, SQL, NoSQL, MongoDB, Docker

TOOLS: Git/GitHub, Postman, ChatGPT, Cursor, Claude, Canva, Figma

EXPERIENCE

Cyber Range Poulsbo

Poulsbo, WA

Web Development Intern

January 2026 – Present

- Developed RESTful API endpoints using FastAPI and Python for learning management system, implementing JWT authentication, role-based access control, and PostgreSQL database operations with SQLAlchemy ORM.
- Supported front-end development using HTML, CSS, JavaScript, and modern frameworks such as React and Vue.
- Collaborated with cross-functional team to implement reusable UI components and maintain design system consistency

University of Washington Tacoma

Tacoma, WA

AI Governance & IT Systems Intern

January 2026 – Present

- Worked on the design and evaluation of agentic AI systems in critical IT environments, with a focus on governance, risk mitigation, human-in-the-loop control, and system reliability.

Student Marketing Assistant – [Office of Admission](#)

January 2025 - Present

- Collaborated on 15+ marketing campaigns, driving a 30% increase in event attendance and 70% increase in enhanced online engagement through social content and video editing.

PROJECTS

[Webformafy](#) – Form Builder & Integration Platform | [GitHub Repository](#)

- Implemented responsive, mobile-first UIs using HTML5, CSS3, Bootstrap 5, and JavaScript, including dark mode, reusable UI components, and consistent styling across forms, dashboards, and subscription management workflows.
- Designed a full-stack web application using ASP.NET Core Razor Pages, C#, and SQL Server for creating and managing forms, with subscription tiers, integrations (HubSpot, Salesforce, Mailchimp, Google Sheets), and payment processing.

[ASL Assist Smart-Home Controller](#) | May 15, 2025 | Team of 4 | [GitHub Repository](#)

UHackathon – University of Washington Tacoma

- Integrated real-time gesture interface tied a webcam feed to our Azure Custom Vision model and routed its output (A-Z ASL letters) through JavaScript to invoke Python services and smart-home APIs.
- Built a responsive, accessible UI with dark/light-mode toggle, intuitive layout and custom animations ensuring seamless use on desktop and mobile.

[AYSA Kent Academy Website Design](#) | [GitHub Repository](#)

- Developed a modern, user-centered website for AYSA Kent Academy serving 150+ youth across 5 programs, applying UX research, information architecture, and responsive front-end development (HTML, CSS, JavaScript) to improve accessibility and reduce parent inquiries by an estimated 40% through clearer program.

CERTIFICATIONS

[Full Stack Software Development: Building Scalable Cloud Applications – Certificate Program](#)

Jun 2025- April 2026

- Gaining hands-on experience in developing full-stack web applications using modern technologies, including HTML5, CSS3, JavaScript, React.js, Node.js, Express.js, NoSQL, and MongoDB.

[Postgraduate Certificate in User Experience Design: UI/UX for Data-Driven Business Application](#)

Jan 2025 - Jun 2025

- Led end-to-end UX/UI design process from user research and information architecture to high-fidelity wireframes and final presentation, delivering a user-centered, test-ready application prototype.

HONORS & AWARDS

Cathy Coughlin Memorial Scholarship – Women of AT&T National Scholarship Committee

Recipient, Nov 2025

- Awarded to five students nationwide for academic excellence and potential in STEM