

JUSTIN HERNANDEZ-TOVALIN

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EDUCATION

University of Washington, Seattle, WA | *Computer Science*

June 2027

- **Relevant Coursework:** Computer Programming, Introduction to Databases Systems), Systems Programming, Web Development, Data Structures and Algorithms

WORK EXPERIENCE

VNL Entertainment Games, Seattle, WA | *Software Engineer*

April 2025 – Present

- Engineered **responsive React components within Next.js framework**, enhancing overall website performance and maintainability
- **Streamlined development workflow** alongside four teammates, ensuring consistent code integration and timely delivery
- **Optimized NoSQL database queries** to improve data retrieval speeds and application responsiveness
- Crafted responsive UI elements using Bootstrap, delivering **seamless experiences across multiple devices**

Planet Fitness, Milton, WA | *Crew Member*

March 2022 – September 2024

- Trained **5+ new employees** to use DataTrak efficiently, **increasing operational efficiency by 25%** through system shortcuts.
- Used **problem-solving skills** to **reduce manual check-in time by 50%** with barcode updates, improving member flow during peak hours.
- Promoted a **positive team environment** through effective communication.

Personal Projects

Gradescope-Plus, Seattle, WA | *React, TailwindCss, TypeScript*

April 2025 - April 2025

- **Engineered high-performance React TypeScript** application with secure authentication and 2FA
- **Designed responsive intuitive dashboard** UI prioritizing assignments with color-coded visual indicators
- **Architected robust API integration** with retry mechanisms and comprehensive error handling

E-Commerce Store, Seattle, WA | *HTML/CSS, JavaScript, SQL, Node.js*

December 2024 - December 2024

- Designed and developed a **fully functional e-commerce** website using Node.js, JavaScript, CSS, and HTML.
- Built a **robust backend architecture** to handle product listings, user accounts, and secure transaction processes.
- Implemented dynamic frontend features using JavaScript, **enhancing user experience** with responsive design and interactivity.
- Applied principles of **full-stack development** to integrate server-side logic with client-side functionality.

CLUBS

Software Engineer Career Club, Seattle, WA | *Software Engineer, Community Outreach*

April 2025 - Present

- **Engineered career advancement applications** through collaborative development cycles
- **Spearheading Hispanic recruitment initiatives** through targeted community outreach
- Amplified **Hispanic community visibility** through strategic advocacy programs

SKILLS AND INTERESTS

Technical skills: Programming (Java, HTML/CSS, JavaScript, TypeScript, Node.js, Python, Flask, and MySQL, C, C++), Microsoft Azure, Database Programming, Visual Studio Code, Terminal, Problem-Solving Skills, Communication, Teamwork & Leadership, Collaboration, Debugging, API Design, REST APIs, Object-Oriented Programming (OOP), Git, Version Control, Trouble Shooting Interpersonal Skills, Verbal Communication, Compliance, Linux/Windows Environment, back-end

Languages: English (Native), Spanish (Fluent)

Interests: Math, weightlifting, video games, programming, algorithms, swimming, PC hardware, personal finance, credit, investing, web development, learning emerging technologies, user interfaces, gaming