

# Guillermo Wiandt

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## EDUCATION

**Worcester Polytechnic Institute (WPI)**, Worcester, MA

- BS in Computer Science (2026)

## SKILLS

**Software:** Java, C, C++, Python, HTML, CSS, JavaScript, SQL, PHP, WordPress, Unity, Git, GitHub.

**Languages:** Spanish (Fluent), Basque (Fluent), English (Fluent), French (Conversational)

**Related classes:** Software Engineering, Algorithms, Systems Programming, Database Systems, Intro to AI, Discrete Mathematics, Operating Systems, Applied Statistics, Graphing Machine Learning, Webware.

## PROJECTS

**7FACTOR** – Worcester, MA

Aug 2025 – Present

### **FULL-STACK PROJECT**

- Collaborating on an application by adding features to facilitate employee management.
- Did mock-ups, implemented ui and database changes and saw the project all the way through

## PERSONAL INTERACTIVE WEBSITE

- Engineered a genetic algorithm simulation in React to train 400+ agents at 60fps.
- Built a ZSH-style web terminal and A\* pathfinding visualizers using React and Tailwind.

## EXPERIENCE

**KRANESHARES** – New York City, NY

Jun 2025 – Jul 2025

### **FULL-STACK INTERNSHIP**

- Designed and deployed new product page templates to improve user experience and click-through rates.
- Implemented Mailchimp and captcha by honey potting bots while identifying and categorizing interested users.

**BOGGLEHEADS CONFERENCE** – Minneapolis, MN

Sep 2024 – Oct 2024

### **AV SUPPORT**

- Collaborated with event organizers to optimize UX and attendee satisfaction.
- Managed AV equipment for 500+ attendees, ensuring seamless presentations and resolving technical issues under tight deadlines.

**IIT MANDI** – Himachal Pradesh, India

Mar 2025 – May 2025

### **CLIMATE RESILIENCE RESEARCH**

- Applied GIS mapping and Python data analysis to evaluate disaster resilience in Himalayan architecture.
- Partnered with IIT Mandi on field research and recommendations, integrating data with cultural knowledge.

**MME AT WPI**– Worcester, MA

Sep 2023 – Present

### **IT AND UX**

- Managed IT and improved UX for Mechanical and Materials Engineering Department.
- Served on department front desk managing appointments and department logistics.

**MECHANICS HALL** – Worcester, MA

Jan 2023 – May 2023

### **WEB UX AND MARKETING**

- Enhanced Mechanics Hall's web UI, increasing ticket sales by 25% through improved navigation and accessibility.
- Interacted with customers to gather feedback, resulting in a 30% boost in customer satisfaction ratings.

**QUINTA ESSENCIA** – San Sebastian, Spain

June 2023 – Aug 2023

### **MARKETING MANAGER**

- Increased traffic to all social media for Quinta Essencia website by 80%.
- Increased customer engagement by designing signage and marketing at their physical store.