

Guillermo Wiandt

+1 (330) 396-6556 - gwiandt@wpi.edu

<https://www.linkedin.com/in/guillermo-wiandt-550684238/>

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.

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.

BOGLEHEADS 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.

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

PROJECT APPLICATION WEBSITE – Worcester, MA

Mar 2023 – May 2023

- Designed and implemented a web-based platform allowing students to apply for professor-led projects.
- Created categories, project descriptions, and optimized UI for clarity and accessibility.

SOCIAL NETWORK ANALYSIS – Worcester, MA Oct 2022 – Dec 2022

- Analyzed social network data using graph algorithms to identify influential users.
- Implemented Dijkstra's algorithm to calculate shortest paths, optimizing computational efficiency by 20%.

DATABASE MANAGEMENT SYSTEM – Worcester, MA Jan 2023 – Mar 2023

- Designed a relational database for a fictional school system using MySQL. Created tables for classes, professors, students and other related tables. Developed SQL queries to generate reports on class availability and student class history.

SIMPLE SHELL IMPLEMENTATION – Worcester, MA Aug 2024 – Oct 2024

- Developed a command-line shell in C supporting piping, redirection, and basic process management.
- Improved user command execution efficiency by handling system resources dynamically.

EXTRACURRICULAR ACTIVITIES

- Activities chair for Theta Chi Fraternity Mar 2023 – Present
- Ice hockey Goalie for Txuri Urdin and WPI Sept 2014 – Present
- Varsity basketball at Axular Lizeoa Sept 2016 – May 2022
- Member of SHPE Aug 2022 – Present