

Cassandra Valcourt

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Hello! My name is Cassandra Valcourt and I am a fast, independent, and driven worker with a passion for innovation, learning new things, improving my skills, and doing work that makes a difference.

**Willing to relocate for position*

Portfolio: [CV's Web Portfolio \(cassv22.github.io\)](https://cassv22.github.io)

Skills

- Microsoft Excel
- Microsoft Office
- AutoCAD/Sketchup
- HTML/CSS
- JavaScript
- Node JS
- Python
- Figma
- Canva
- Web Accessibility
- Wireframing
- Prototyping
- Problem-solving
- Critical Thinking
- Research
- Organization
- Time Management
- Teamwork
- Leadership

Keywords: Engineering, Computer Science, Design, Problem-Solving, STEM Education, Sustainability, UX Design, Web Development, Research

Education

Bachelor of Science in Engineering, Minor in Design – University of Pittsburgh

Professional Certificate in UX Design – Google/Coursera

Nucamp Fullstack Web Development Bootcamp - Current

Experience

Summer Associate - AmeriCorps VISTA, Baltimore, MD US

Summer 2023

- Conducting research on urban sustainability and community development; collecting and analyzing data
- Creating case studies and maps that prioritize equity areas and environmental justice communities
- Conducting interviews with stakeholders and community members to identify needs and barriers, and develop possible remedies

Program Coordinator/Residential Counselor – Philadelphia, PA

Summer 2022

- Re-designed, managed, and updated program website; used HTML/CSS, JavaScript, and Figma to design and build prototypes/websites
- Coordinated educational enrichment activities for high school students
- Led student tours around campus and throughout the city
- Used design software to create graphics for program calendar
- Collaborated with other staff members to facilitate programming and serve as mentors to students

Research Assistant - Michigan State University, East Lansing, MI US

2021 – 2022

- Designed and ran experiments both in the lab and using computer software
- Read and analyzed scholarly articles about sustainability; collaborated with team to produce scholarly papers and journal articles
- Collected and analyzed experimental data using Excel and Python
- Communicated data to diverse audiences in different formats, including infographics, reports, and PowerPoints
- Actively participated in workshops on human-centered design and community engagement

Program Coordinator - University of Pittsburgh, Pittsburgh, PA US

2020 - 2021

- Collected and analyzed student and program data using Excel
- Managed long-term projects and coordinated events with faculty and staff from different departments, including STEM Saturdays and academic tutoring
- Developed PowerPoints, infographics, and reports to provide students and families information about college-preparation, financial aid, and STEM education
- Facilitated communication between program office, families, students, and the university