

Jenna Tripoli

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EDUCATION

B.S. Computer Science, Worcester Polytechnic Institute AUG 2020 – MAY 2024

B.S. Interactive Media and Game Development, Worcester Polytechnic Institute AUG 2020 – MAY 2024

- **3.93 GPA.** Dean's List Award recipient every semester. Minor in Data Science.

- **Computer Science Courses:**

Algorithms (Java)	Systems Programming Concepts (C++)	Operating Systems (C)
Object-Oriented Design (Java)	Human-Computer Interaction (HTML, CSS)	Machine Organization
Discrete Mathematics	Mobile/Ubiquitous Computing (Kotlin, XML)	(C, Assembly)

- **Game Development Courses:**

Data Analysis (Python)	Technical Game Development I (C++)	Design of Tabletop
Game Audio I (REAPER)	Technical Game Development II (UE4)	Strategy Games
Computer Art (Adobe)	Advanced Storytelling for Level Design (UE5)	

SKILLS

Programming Languages:

- ★★★★ Java, C++
- ★★★ HTML, CSS, C
- ★★★ Python, Assembly, Kotlin, XML

Applications and Concepts:

- ★★★★ Visual Studio 2019, Excel, WordPress, Data Analysis, Writing
- ★★★ GitHub, Eclipse, Visual Studio Code, Unreal Engine 4/5, Balsamiq
- ★★★ Linux, Photoshop, Illustrator, REAPER Audio

WORK EXPERIENCES

Website Developer, Worcester Polytechnic Institute JUN 2022 – AUG 2022

- Designed and coded sites for Human-Computer Interaction Lab and Research Experience for Teachers.
- HCI LAB: <https://wp.wpi.edu/hcilab/>. STEM RET: <https://wp.wpi.edu/ret-stem/>.

Teaching Assistant, Worcester Polytechnic Institute MAR 2022 – MAY 2022

- Taught students how to use Excel and Python with Jupyter Notebook to parse and analyze data.
- Held office hours to work individually with students and answer questions with detailed explanations.

EXTRACURRICULARS

Software Sub-Team Lead, Beach Cities Robotics (FIRST Robotics) SEPT 2016 – JUN 2020

- Developed code for PID controllers, motion profiling, autonomous routines, and vision processing.
- Taught software engineering to new students and managed the ten-person programming team.

Robotics Team Mentor, Parras Middle School (VEX Robotics) SEPT 2016 – JUN 2020

- Taught students about engineering design, documentation, and coding through hands-on experiences.

Assistant New Member Educator, WPI Chi Omega OCT 2020 – PRESENT

Tour Guide, WPI Crimson Key FEB 2021 – PRESENT