

# 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 every semester. Minor in Data Science.
- **Relevant Courses:**
  - Algorithms (Java)
  - Systems Programming (C++)
  - Operating Systems (C)
  - Human-Computer Interaction (HTML, CSS)
  - Technical Game Development (C++)
  - Machine Organization (C, Assembly)
  - Data Analysis (Python)
  - Discrete Math

## SKILLS

### Programming Languages:

- ★★★ Java, C++
- ★★☆ HTML, CSS, C
- ★☆☆ Python, Assembly

### Other Skills:

- ★★★ Visual Studio 2019, Excel, WordPress, Data Analysis, Writing
- ★★☆ GitHub, Eclipse, Visual Studio Code, Unreal Engine 4, Balsamiq
- ★☆☆ Linux, PID Controllers, 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.

**Tour Guide, Worcester Polytechnic Institute** FEB 2021 – PRESENT

- Give tours to campus visitors, answer questions, and communicate online with prospective students.

## EXTRACURRICULARS

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

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

**Treasurer, WPI Equestrian Team** MAR 2021 – PRESENT

- Manage yearly budget, school funding requests, business transactions, and campus fundraising.

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

- Maintain chapter knowledge of history and work with others to foster an inclusive environment.