

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

- **3.92 GPA.** Dean's List Award every semester completed. Planning to Minor in Data Science.
- **Relevant Courses:** Algorithms, Systems Programming Concepts, Human-Computer Interaction, Operating Systems, Machine Organization/Assembly Language, Technical Game Development I and II

SKILLS

Programming Languages:

- ★★★ Java, C++
- ★★☆ C, HTML5, CSS
- ★★☆ Python, Assembly

Other Skills:

- ★★★ Visual Studio 2019, Excel, Data Analysis, WordPress, Writing
- ★★☆ GitHub, Eclipse, Visual Studio Code, Jupyter, Unreal Engine 4
- ★★☆ Linux, PID Control, Vision Processing, REAPER Audio, Photoshop

WORK EXPERIENCES

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.

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

- Give tours to campus visitors. Use communication and problem-solving skills to answer questions.

Alumni Caller, *Worcester Polytechnic Institute* OCT 2021 – DEC 2021

- Called school alumni with Five9. Learned how to establish rapport quickly and communicate well.

EXTRACURRICULARS

Software Sub-Team Lead, *Beach Cities Robotics* SEPT 2016 – JUN 2020

- Developed robot mechanism software for FIRST Robotics Competition Team 294.
- Used Java to code PID controls, motion profiling, autonomous routines, and vision processing.
- Taught coding to new students, operated robot during competitions, and wrote business plans.
- Strengthened organizational, teamwork, leadership, problem-solving, and time management skills.

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

- Served as a mentor for four middle school VEX Robotics Competition Teams.
- Taught students about engineering design, documentation, and software development.

Treasurer, *WPI Equestrian Team* MAR 2021 – PRESENT

- Manage budget, funding, expenses, and fundraising. Use organizational and communication skills.

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

- Maintain chapter knowledge of history. Work with others to foster a positive team environment.