

Jenna Tripoli

jmtripoli@wpi.edu | Redondo Beach, CA | jennatripoli.github.io | (310) 780-6785

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, Data Analysis for Game Development, Discrete Mathematics, Design of Tabletop Strategy Games

SKILLS

Programming Languages:

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

Other Skills:

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

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.