

# 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 (Java), Systems Programming Concepts (Java), Operating Systems (C), Machine Organization and Assembly (C and Assembly), Human-Computer Interaction (HTML5 and CSS), Discrete Math, Technical Game Development (C++), Data Analysis for Game Development (Python)

## 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.