

Jenna Tripoli

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EDUCATION

B.S. Computer Science , <i>Worcester Polytechnic Institute</i>	Aug 2020 – May 2024
B.S. Interactive Media and Game Development , <i>Worcester Polytechnic Institute</i>	Aug 2020 – May 2024
<ul style="list-style-type: none">● 3.93 GPA. Dean's List Award every semester. Minor in Data Science.● Relevant Courses:<ul style="list-style-type: none">● 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++
- ★★★ C, HTML, 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

Website Admin , <i>STEM Research Experience for Teachers (wp.wpi.edu/ret-stem/)</i>	June 2022 – Present
<ul style="list-style-type: none">● Design and maintain website for a STEM education initiative funded by the National Science Foundation.	
Teaching Assistant , <i>Worcester Polytechnic Institute</i>	Mar 2022 – May 2022
<ul style="list-style-type: none">● 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 , <i>Worcester Polytechnic Institute</i>	Feb 2021 – Present
<ul style="list-style-type: none">● Give tours to campus visitors, establish rapport quickly, and answer a wide range of questions.	

EXTRACURRICULARS

Software Sub-Team Lead , <i>Beach Cities Robotics (FIRST Robotics Competition)</i>	Sept 2016 – June 2020
<ul style="list-style-type: none">● 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 , <i>Parras Middle School (VEX Robotics Competition)</i>	Sept 2016 – June 2020
<ul style="list-style-type: none">● Taught students about engineering design, documentation, and coding through hands-on experiences.	
Treasurer , <i>WPI Equestrian Team</i>	Mar 2021 – Present
<ul style="list-style-type: none">● Manage yearly budget, school funding requests, business transactions, and campus fundraising.	
Assistant New Member Educator , <i>WPI Chi Omega</i>	Oct 2020 – Present
<ul style="list-style-type: none">● Maintain chapter knowledge of history and work with others to foster an inclusive environment.	