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 every semester. Minoring 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++
- ★★☆ 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

Website Admin and Program Assistant, *Research Experience for Teachers*   June 2022 – Present
- Design and maintain website for a STEM education initiative funded by the National Science Foundation.

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, establish rapport quickly, and answer a wide range of questions.

EXTRACURRICULARS

Software Sub-Team Lead, *Beach Cities Robotics (FIRST Robotics Competition)*   Sept 2016 – June 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 – June 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.