

JENNA TRIPOLI

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EDUCATION

WORCESTER POLYTECHNIC INSTITUTE

Graduating May 2024

M.S. Computer Science (Prospective), B.S. Computer Science

3.95 GPA

Minor in Interactive Media and Game Development

- Recipient of Dean's List Award every semester.
- Relevant Courses: Software Engineering, Operating Systems, Artificial Intelligence, Algorithms, Database Systems, Human-Computer Interaction, Mobile Computing, Technical Game Development

SKILLS

CODING LANGUAGES:

- ★★★ Java, C++, HTML
- ★★☆ JavaScript, ReactJS, C, CSS, Python
- ★☆☆ SQL, Kotlin, XML, Assembly, AWS

OTHER TOPICS:

GitHub, Excel, Data Science, Game Development, Robotics, Visual Studio Code, Visual Studio 2019, EclipseIDE, Android Studio, Unreal Engine 4 & 5

PROJECTS

Lead Front-End Developer, *Crowdsourced Funding*

Oct - Dec 2022

- Skills Used: JavaScript, React, AWS, GitHub
- Developed page navigation, handling of user input, and Lambda function synching.
- Made API design, UML diagram, storyboards, and use cases for detailed project planning.

Front-End Developer, *Study Buddy*

Sept - Oct 2022

- Skills Used: Kotlin, XML, Android Studio, GitHub
- Created UI design, animations, study plan timer, page navigation, and saving user input.

Software Team Lead, *FIRST Robotics Competition Team 294*

Jan 2017 - Mar 2020

- Skills Used: Java, Visual Studio Code, Eclipse, GitHub
- Coded control schemes, various mechanisms, safety interlocks, and autonomous routines.
- Implemented PID controls, motion profiling, and vision processing for complex functionality.

EXPERIENCE

Student Assistant, *Data Analysis for Game Development*

Mar 2022 - Present

- Teach students how to use Excel and Python with Jupyter Notebook for in-depth data analysis.
- Hold office hours to work individually with students and gave detailed feedback on project reports.

Website Developer, *Worcester Polytechnic Institute*

Jun - Aug 2022

- Created websites for research labs to publicize their findings and media on the internet.
- Developed custom CSS/HTML designs for WordPress and templates for website contributors.

ACTIVITIES

Recruitment Assistant, Chi Omega Fraternity
Treasurer, Order of Omega Honor Society

Memberships: Upsilon Pi Epsilon, Rho Lambda, Crimson Key Tour Guides, Women in Computer Science, Society of Women Engineers