JENNA TRIPOLI

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EDUCATION

WORCESTER POLYTECHNIC INSTITUTE   **Graduating May 2024**
M.S. Computer Science   **4.0 GPA**
B.S. Computer Science, Game Development Minor   **3.95 GPA**
- **Relevant Courses:** Software Engineering, Operating Systems, Artificial Intelligence, Algorithms, Database Systems, Human-Computer Interaction, Mobile Computing, Technical Game Development
- **Memberships:** Upsilon Pi Epsilon, Chi Omega Women's Fraternity, Order of Omega, Rho Lambda

SKILLS

CODING LANGUAGES:

		DEVELOPMENT TOOLS:
★★★	Java, C++, Python, R, SQL	GitHub, Unreal Engine 4/5, Visual Studio Code,
★★☆	JavaScript, React, CSS, HTML	Visual Studio 2019, Eclipse, IntelliJ, R Studio,
★☆☆	C, Kotlin, XML, Assembly, AWS	SQLite, Android Studio, DBeaver, Postman, Excel

PROJECTS

Lead Front-End Developer, *Crowdsourced Funding*   **Oct - Dec 2022**
- Built a JavaScript/React application with an AWS server for creating crowdsourcing projects.
- Developed page navigation, user input handling, Lambda function synching, and UML diagrams.

Full-Stack Developer, *Study Buddy*   **Sept - Oct 2022**
- Used Kotlin and XML in Android Studio to create a mobile application for custom study tools.
- 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**
- Coded control schemes, mechanisms, safety interlocks, and autonomous routines in Java.
- Implemented PID controls, motion profiling, and vision processing for award-winning robots.
- Led the Software Sub-Team by organizing tasks and teaching younger students coding skills.

WORK EXPERIENCE

Student Assistant, *Computer Science Department*   **Mar 2022 - Present**
- Member of teaching staff for Database Systems and Data Analysis for Game Development.
- Hold office hours to answer questions and review course topics like SQL, Python, and Excel.

Technology Development Intern, *Optum*   **Jun - Aug 2023**
- Enhanced insurance claim management portal UI by implementing a data override system.
- Worked full-stack, using a REST API to connect React frontend to Java and SQL backend.
- Collaborated with other interns and engineers in an Agile DevOps Software Engineering team.

Website Developer, *Human-Computer Interaction Lab*   **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.