EMMA TRUSIO
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EDUCATION

SETON HALL UNIVERSITY   South Orange, NJ
Bachelor of Science – Sept 2022 to May 2026
      Major in Computer Science; Minor in Data Analytics

WORK EXPERIENCE

COLGATE-PALMOLIVE COMPANY   Piscataway, NJ
Information Technology Support Intern   Incoming

PACIRA BIOSCIENCES, INC.   Parsippany, NJ
Information Technology Intern   June 2025 – Aug 2025
- Developed a Power Apps solution to manage stakeholder checklists, building backend logic and simulating functionality with mock data.
- Automated field behavior and coordinated with leadership on test environment setup.
- Built Power BI dashboards using Excel and query-based data, identifying compliance gaps and summarizing device/account status.
- Took initiative in structuring both projects from scratch, demonstrating problem solving, adaptability, and self-direction.
- Provided regular technical updates to both managers and academic supervisors.

SETON HALL UNIVERSITY – DEPARTMENT OF PC SUPPORT SERVICES   South Orange, NJ
Desktop Engineering Student Worker   Aug 2024 – May 2025
- Manage campus-wide Technology Service Desk queue through Jira software environment.
- Internally investigate technical outages and troubleshoot directly with over 100 users weekly.
- Review service portal tickets and communicate technical solutions to a non-technical audience.
- Develop student-oriented policy reforms, allowing complete independence and managerial support of dashboard.

SCHINDLER ELEVATOR CORPORATION   Morristown, NJ
Data Quality Intern   May 2024 – Aug 2024
- Facilitated system-wide data cleansing and quality assurance project for upcoming systems migration project, ensuring data integrity across 12,000+ customer accounts.
- Documented company-wide project implementation in MS Excel and SMART.
- Streamlined project's progress by introducing a mass email system, contributing to a 200% activity increase.
- Accepted unrelated customer concerns with a compassionate and helpful demeanor.
- Participated in a capstone research project designing a correlation analysis between canceled contracts and routine service reviews data sets.

PROFESSIONAL AND EDUCATIONAL PROJECTS

STAKEHOLDER CHECKLIST POWER APPS FORM   July 2025
- Designed a dynamic form in Microsoft Power Apps to manage account planning checklists for different stakeholder groups.
- Coded backend logic using DAX to automate item status, date stamping, and conditional visibility based on user input.
- Simulated real-world functionality with mock data and collaborated with IT leadership on data integration and test environment planning.
- Demonstrated initiative in defining project structure and validating logic independently.

TURN-BASED STRATEGY GAME WITH AI CHATBOT   May 2025
- Built a multiplayer turn-based combat game in Python using socket programming and tkinter for GUI.
- Applied OOP practices to design modular classes for battle logic, status effects, and character actions.
- Integrated an AI chatbot with keyword parsing and SQLite to support in-game decision making.
- Added custom effects with cooldowns and real-time feedback to enhance gameplay.
- Improved stability and UX through state tracking, exception handling, and iterative testing.

USER PROMPTED AI GENERATIVE PUZZLE GAME   Dec 2024
- Created a nine tile, swap-tile puzzle game utilizing several object-oriented programming principles within Java.
- Enabled users to generate the puzzle's image through MS Azure API Integration with DALL-E, a text-to-image AI model.
- Through on-key commands, allowed users to simply auto-solve and terminate puzzle program.

ACTIVITIES

THE CHOLANGIOCARCINOMA FOUNDATION   Herriman, UT
Family Advocate   Sept 2018 – Present
- Held annual cancer research fundraisers, raising over two thousand dollars during each event.
- Personally advocated for legislative reform for federal funds' designation towards Cholangiocarcinoma research.

ADDITIONAL

Technical Skills: Proficiency in R, SQL, Python, Java, MS Office Applications (Excel), and Jira. Experience with AutoCAD, large-scale databases (SMART and SAP), and data visualization tools (PowerBI and Tableau).
Relevant Coursework: Program Design, Object Oriented Programming, Data Structures, Algorithms, Statistics, Text Mining, Data Visualization.
Certifications & Training: Online Coursework in Data Visualization, R, SQL, and Python (Hacker Rank).