Nadia Manoppo

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EDUCATION

New Jersey Institute of Technology, Ying Wu College of Computing   *Newark, New Jersey*
Bachelor of Science in Information Technology | **GPA:** 3.76   *Expected Graduation date: May 2025*
Coursework: Probability and Statistics, Internet Applications, Wireless Networks, Database Design Management and Application, System Administration, Information Design Techniques, Digital Crime

WORK EXPERIENCE

Resident Assistant, New Jersey Institute of Technology, Newark NJ   *September 2022 - Present*
- Facilitated a welcoming environment for over 500 students within the residential building, fostering a sense of community and inclusivity through various initiatives and activities.
- Collaborated with a team of 10 Resident Assistants to ensure the safety and security of the building, conducting regular inspections, addressing maintenance issues, and promptly responding to any emergencies or concerns.
- Organized and executed programs and events designed to promote connections and enhance the overall residential experience, including social gatherings, educational workshops, and community-building activities

Research Assistant, New Jersey Institute of Technology, Newark NJ   *September 2022 - December 2022*
- Collaborated closely with the professor and 15 other undergraduates, and graduate students to collect and analyze data, utilizing statistical techniques and programming languages such as Python and R to identify patterns, trends, and insights.
- Conducted literature reviews on cutting-edge data science topics, providing valuable insights and aiding in research hypothesis formulation.

Shift Manager, Mcdonalds, Woodbridge NJ   *June 2020 - August 2023*
- Maintained composure, demeanor, and professionalism with over 40 coworkers and over 1000+ customers in a fast-paced environment, making over $10,000 in sales daily.
- Accounted for all transactions, made accurate deposits, conducted inventory, and operated the Point-Of-Sale system
- Effectively communicated and worked with team members and supervisors to ensure company goals were met

PROJECTS

BookWorld - A website developed using HTML, CSS, JavaScript, and SQL   *2023*
- Developed a dynamic e-commerce website 'BookWorld' using HTML, CSS, JavaScript, PHP, and MySQL, enabling users to search, browse, and purchase books based on diverse categories, authors, and keywords
- Designed and implemented an intuitive user interface with a focus on responsive design, enhancing the overall user experience and ensuring compatibility across various devices and browsers
- Utilized SQL database management to store and retrieve book information, maintaining data accuracy, and implementing real-time updates for users, resulting in a seamless and interactive platform for book enthusiasts.

Horror Game - A first-person horror game developed using Unity   *2023*
- Implemented first-person controls using Unity and C#, allowing players to explore the game world from a protagonist's perspective, enhancing immersion and engagement.
- Created a meticulously designed landscape with detailed textures, lighting, and atmospheric effects.
- Implemented scripted events and interactive objects to create an engaging gameplay progression, such as puzzles, jump scares, and hidden passages, keeping players on the edge of their seats.
- Developed enemy AI behavior using C# scripting, enabling challenging encounters and strategic gameplay elements, further enhancing the horror experience.

ChatRoom Application- An interactive chatroom developed using Github and Java   *2023*
- Developed a server using Java, allowing multiple clients to connect and communicate with each other in real time.
- Integrated GitHub for version control, allowing for efficient collaboration and tracking of project changes.
- Created the functionality for users to create and leave different group chats, enabling collaboration and conversation among specific groups of users.
- Documented the development process, including architecture, features, and challenges, providing clear and comprehensive project documentation.

Extracurriculars

Alpha Kappa Psi, Co-ed Business Fraternity - Historian, Intake Coordinator   *April 2022 - Present*
- Diligently recorded key milestones, achievements, and memorable moments, ensuring the preservation of the fraternity's legacy and contributing to fostering a sense of pride and connection among members.
- Engaged with potential members, conducting interviews, and providing guidance and support during their onboarding process, I contributed to the successful growth of the fraternity and the development of 10 new members.

Skills / Programming Languages

Python | SQL | Linux | Java | Unity | C# | Microsoft Excel | Microsoft Office | GitHub | HTML |