Ryan Stanisci

973-650-4537 | ryanstanisci@gmail.com | linkedin.com/in/ryan-stanisci

EDUCATION

Montclair State University   Montclair, NJ
Bachelor of Science in Computer Science   *Expected Graduation, Dec. 2025*

PROJECTS

File Transfer Application | *Python, PyQt5,*   Jan 2025 – Present
- Developed a file transfer application enabling fast file sharing between computers on the same network, with internet functionality in progress
- **Client**: Allows users to input an IP address, select files for transfer, and rename files before sending
- **Server**: Receives files and saves them under the specified name
- Implemented a TCP-based connection for reliable and efficient file transfers.

Personal Website | *Python, CSS, JavaScript, HTML, Firebase, React*   Jan 2025 – Present
- Developing a personal website to showcase my resume, projects, and background
- Took existing website and implemented React and Firebase to make development easier and give the website more functionality for future additions
- Utilizing GitHub for version control, feature development, and error tracking.

RELEVANT COURSEWORK

Data Structures and Algorithms
- Worked hands on implementing data structures like arrays, linked lists, stacks, queues, trees, and hash tables to solve computational problems
- Studied and applied fundamental search algorithms, optimizing for time complexity making sure the algorithms are implemented Correctly and efficiently
- Demonstrated strong problem-solving skills through the design and optimization of algorithms, focusing on time and space complexity analysis.

Software Engineering
- Acquired hands-on experience in software development principles, including requirement analysis, system design, and implementation using industry-standard practices.
- Gained knowledge in developing, testing, and debugging software to ensure functionality and maintainability, with a focus on teamwork and collaboration.

Computer Networks
- Studied how computers send, receive, and process data send over the internet using commonly used internet protocols
- Developed Knowledge in network protocols, error control mechanisms, congestion control, and quality of service (QoS) techniques.
- Gained foundational knowledge of computer networking principles, including TCP/IP, packet switching, and layered network architectures.

EXPERIENCE

Prep Cook   Mar. 2023 - Aug. 2023
The Fruited Plain   *Parsippany, NJ*
- Prepared daily meals for office building workers while efficiently managing time to ensure seamless transitions to catering preparations for large events. Balanced simultaneous responsibilities by prioritizing tasks and maintaining consistent quality in both daily and event-specific food production
- Assisted in preparing high-quality meals for large-scale catering events, including weddings and parties with up to 250 guests. Demonstrated strong organizational and time management skills by coordinating with the team to ensure efficient food preparation, plating, and service under tight deadlines

TECHNICAL SKILLS

Languages: Java, Python, C++, HTML, CSS
Developer Tools: Git, Docker, Google Cloud Platform, VS Code, Visual Studio, Eclipse, AWS
Technical Skills:IT, Windows/Operating Systems, Troubleshooting Hardware/Software