Sean Maida

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EDUCATION

Stevens Institute of Technology | Hoboken, NJ   Expected May 2025
Bachelor of Science in Computer Science
Coursework: Data Structures, Algorithms, Web Programming I & II, Database Management Systems, Software Development Process, Agile Methods For Software Development.
Clubs & Organizations: Stevens Computer Science Club, Stevens Club Baseball.

PROFESSIONAL EXPERIENCE

Consolidated Edison | New York, NY   May 2024 – August 2024
IT Intern | Data Center Services
- Automated data extraction from Excel files using Python scripts to efficiently identify and categorize IT projects, enhancing strategic decision-making.
- Updated and maintained the demand and forecasting spreadsheet by validating resource requests for Q2 2024 and proactively collecting Q3 2024 forecasting data through direct outreach to project managers.
- Developed a web application to streamline cost analysis by retrieving and displaying hardware pricing data, reducing manual searches through Excel files. Used HTML, CSS, JavaScript (jQuery).
- Designed and presented Power BI visualizations to department managers and directors, providing insights into resource demand trends and forecasting.

Township of Verona | Verona, NJ   May 2019 – August 2022
Lifeguard
- Ensured the safety of over 200 guests by enforcing pool regulations and responding to emergency situations.
- Provided hands-on training to new lifeguards, demonstrating proper rescue techniques and safety protocols.
- Maintained high standards of professionalism and customer service while overseeing daily pool operations.

ACADEMIC PROJECTS

Huddle Up
Web Programming II   Fall 2024
- Developed a web application enabling users to discover, create, and join local pickup sports events, fostering community engagement.
- Built a responsive front-end using React.js and styled components with CSS.
- Designed a robust back-end using Node.js, MongoDB, and Redis for optimized data retrieval.
- Created RESTful APIs to handle event creation, user authentication, and data retrieval.

Tracklete
Web Programming I   Spring 2024
- Designed a full-stack web application allowing athletes to organize and track their workouts effectively.
- Developed the front-end using HTML, Handlebars, CSS, and JavaScript (jQuery, AJAX) for dynamic updates and seamless user interactions.
- Implemented the back-end with Node.js and MongoDB, creating RESTful APIs for data storage and retrieval.

SKILLS

- **Programming Languages**: Python, Java, JavaScript, HTML/CSS, SQL.
- **Libraries/Frameworks**: React.js, Node.js, Express.js.
- **Software Development**: Agile Methodologies, Object-Oriented Programming.
- **Technologies & Tools:** MongoDB, Redis, Git, Visual Studio Code, Microsoft Office (Excel, PowerPoint, Word).