

Robert Perrone

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EDUCATION

• Marist College

Poughkeepsie, NY

Bachelor of Science in Computer Science with a Concentration in Software Development

Minors in Cybersecurity & Information Technology & Information Systems

May 2022

- GPA: 3.64/4.00 (Dean's List Spring 2019/2020/2021/2022) **Honors Program**

SKILLS

- **Programming Languages:** Python, Java, **SQL/MySQL**, **HTML**, **CSS**, **JavaScript**, C (Arduino), & TypeScript. Experienced with PHP, Fortran, COBOL, Visual BASIC, Pascal, Scala, F#, Erlang, & Haskell.
- **Leadership:** National Society of Leadership & Success [*Member*], Emerging Leaders Program [*Member*]

EXPERIENCE

• Carver Center

Port Chester, NY

Lifeguard & Swim Instructor

July 2017 - July 2022

- Provided a safe environment for patrons, taught life-saving & important swimming techniques to people of all ages.

• CodeAdvantage

Remote - NY

Coding Instructor

June 2020 - June 2021

- Taught basic coding concepts with patience to students of many grade levels & ages, giving a foundation for them to understand more complex code and learn other languages in the future.
- Showed adaptability and responsiveness when explaining concepts to students of different learning levels and when handling new situations.

• Brand Executives

Remote - MD

Web Developer Intern

June 2021 - July 2021

- Learned about web design and web page usability fundamentals in this 8-week internship. Built sites for real companies using different WordPress page builders.

• TEKsystems

Harrison, NY

Consultant for TEKsystems - ServiceNow Admin/Developer at the LHRIC

May 2022 - Current

- Administration of multiple tables/records in ServiceNow for 40+ school districts. Developed background & client/server-side scripts in the platform using JavaScript. Updated the Service Portal webpage using HTML, CSS, & JS.
- Worked with workflow scripts. Created detailed documentation for processes in the system. Trained multiple techs on how to use the ServiceNow platform. Helped build reports in ServiceNow.

RELEVANT COURSEWORK & PROJECTS

• Computer Science

- *Capping Project:* A real-world project to culminate my time at Marist. Worked with a team of CS, IT, and IS majors to create *this website* for the town of Rhinebeck to help reduce flooding in the asher dam area. Used HTML, CSS, JavaScript, and MySQL.

• Software Development

- *Operating Systems:* Created a web-based OS & learned its fundamental concepts using TypeScript, HTML, & CSS.
- *Algorithms:* Learned fundamentals such as data structures, sorting, searching, hashing, graphing, dynamic programming, greedy algorithms, & simulation of group testing.
- *Theory of Programming Languages:* Studied the fundamentals of creating valid programming languages. Programmed a Caesar Cipher in Fortran, COBOL, Visual BASIC, Pascal, Scala, LISP, F#, Erlang, & Haskell.

• Honors

- *Modeling/Visualizing Code in Multiple Dimensions:* A data visualization course. Worked one-on-one with an IBM employee. Used JavaScript, D3, CSS, & HTML.

• Cybersecurity, IT, & IS

- *Hacking & Penetration Testing:* Used industry tools to perform penetration testing techniques.
- *Database Management:* Developed relational databases in SQL using Oracle SQL Developer, & Microsoft Access.

ADDITIONAL INFORMATION/ACTIVITIES

- **Activities:** A Cappella Group [*Director*], Marist Singers [*Member*], Marist Band (Marching, Symphonic, & Pep Bands) [*P.R. Chair & Section Leader*], and Brass Ensemble [*Member*]

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