Email: zacknawrocki@gmail.com   **Zachary J. Nawrocki**   Website: https://goo.gl/c6VG7c

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Objective:
To obtain a summer internship in the field of computer science.

Education:
Rensselaer Polytechnic Institute (RPI), Troy, NY   May 2021
Bachelor of Science in Computer Science, Concentration in Artificial Intelligence and Data
Awarded the Rensselaer Medal Award and Scholarship
- The Medal was first presented in 1916 with two purposes: to recognize the superlative academic achievement of young men and women, and to motivate students toward careers in science, engineering, and technology. This merit scholarship, with a value of $25,000 per year, is guaranteed yearly for Rensselaer Medalists at RPI.

Clubs: RPI Computer Science Club, Member of Alpha Sigma Phi (Head of Philanthropy/Webmaster)

Bishop Connolly High School, Fall River, MA   June 2016
Ranked #5 in graduating class, 3.97 GPA, National Honor Society, Mu Alpha Theta Mathematical Society, Sociedad Honoraria Hispánica, Sports: Ice Hockey (4 years) and American Football (3 years)

Technical Qualifications:
Languages: C++, C, Python, Java, MIPS Assembly, Processing, HTML
Operating Systems: Windows, MacOS, Unix, Linux
Skills: Bash, Git, QA, Raspberry Pi, Artificial Intelligence, Machine Learning, Software/Sever Engineering

Professional Experience:
Undergraduate Research and Software Development (RPI/LESA)   January 2019 - Present
- Integrated occupant localization, optimized system controls, and implemented and evaluated an integrated system for collecting user preferences.
- Funded primarily by the National Science Foundation, the LESA Center is dedicated to developing autonomous intelligent systems to address modern challenges in the connected environment. This specific project involved the area of autonomous HVAC control for smart buildings.

Leidos Software Engineer Intern   Summer 2018
- Leidos Cyber, originally the commercial cyber security division of Lockheed Martin, was acquired by Capgemini while working here in the summer of 2018.
- Developed and tested for the Industrial Defender Automation System Manager (ASM) platform, a management platform that aggregates event and state data from industrial endpoints across all vendor systems in one location for a single, unified view of operations.
- Responsible for the development and implementation of a major new feature in ASM 7.1, where asset licenses are automatically classified before being configured on the ASM. This feature will remain in all products and continue to be the default way to classify licensed assets.
- Worked on the Software Quality Assurance Engineering Team and tested versions and builds of ASM, ASA, agents, network-based intrusion detection systems, and other components of the Industrial Defender ASM Solution.

Selected Personal Projects:
Fossa   https://bit.ly/2K6KJgT
- A programming language and IDE I have been creating and developing with the objective of teaching children how to program.
- Fossa's mission is something I am very passionate about and will continue to dedicate my free time towards within the upcoming years.

Real News Checker   https://bit.ly/2LOV7q8
Web Application that shows similar news articles to a given article URL from as many sources as possible.

Relevant Coursework:
Open Source Software, Computational Biology, Principles of Software, Introduction to Algorithms, Computer Organization, Foundations of Computer Science, Data Structures, Computer Science I, Differential Equations, Multivariable Calculus and Matrix Algebra, Calculus II, and Calculus I