

September 15, 2023

To whom it may concern,

My name is Justin Moczynski. I am currently seeking work in cyber security. My master's degree in cyber security at Worcester Polytechnic Institute (WPI), completed in May 2023, has allowed me to synthesize my strengths in mathematics and computer science. This degree prepares me for work focusing on the protection of people, businesses, and government agencies from exploitation. Both rigorous academics and intercollegiate varsity athletics have developed core elements of my current experience.

Over the course of my master's studies, I have learned essential elements affecting the security of digital systems:

- Vulnerabilities (e.g. buffer overflow, format string, write-what-where)
- Attack Methods (e.g. code injection, code reuse, format string, heap)
- Defense Mechanisms (e.g. stack canaries, the No-Execute bit, read-only relocation, address space layout randomization, position independent code)
- Encryption and Decryption (e.g. stream ciphers, block ciphers, cryptographic hash functions, key exchange methods)
- Digital Forensics (e.g. evidence collection, evidence examination, digital forensic laws and standards)
- Policy Development for Information Security Institutions

Related to my athletic experience, I participated in intercollegiate athletics as a springboard diver for five years. I learned many useful skills, among them being leadership, teamwork, time management, and discipline:

- Leadership: I learned to motivate my teammates, to lead by example, and to hold my teammates and myself accountable.
- Teamwork: I learned to work with my teammates and coaches to contribute to a competition lineup that was best for the team.
- Time Management and Discipline: I learned to manage my schedule to accommodate my rigorous athletic commitments, my rigorous academic coursework, and my personal well-being.

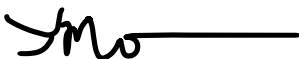
As a result of these skills, I accomplished a great deal during my athletic career, such as:

- 4-time Conference All-Academic Team award recipient
- 4-time College Swimming & Diving Coaches Association of America (CSCAA) All-American
- 2-time CSCAA Scholar All-American
- 2-time NCAA Division III Championship Qualifier
- Broke 4 school records at WPI

Since graduation, I have been actively attending and working on webinars, summits, and coursework from cyber security and general education organizations, such as the SANS Institute, CompTIA (from which I am currently pursuing my Security+ certification), (ISC)<sup>2</sup> (from which I am currently pursuing my Certified in Cyber Security (CC) certification), EC-Council, and Coursera. Each of these has taught me about tools and frameworks, such as Docker, the MITRE ATT&CK framework, and building better cyber security dashboards, that supplement my master's education.

Thank you for your time. I look forward to hearing from you soon.

Sincerely,



Justin Moczynski

<https://jmoczynski.github.io/personal-profile>