Matt R. Manzi

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EDUCATION

University of Maryland, Baltimore County (UMBC) Baltimore, MD *May 2020*
Bachelor of Science, Computer Science *GPA: 4.0*
Honors: Dean's Fellow, Center for Women in Technology (CWIT) Cyber Scholar

TECHNICAL SKILLS

Programming	Java, Python, C++, C, Swift (iOS), SQL, Bash, HTML, CSS, JavaScript, Intel Assembly (x86-64), C#
Operating Systems	macOS 9-12, Ubuntu Server/Desktop 16, CentOS 7, Windows 10
Software	MS-Office, Xcode, Splunk 6.3 Power User, Elastic Stack, Palo Alto NetFlow, VMware
Hardware	Raspberry Pi, Rack Servers, Networking Equipment, PC Components, Arduino

RELEVANT EXPERIENCE

UMBC, *Computer Science Lead Teaching Assistant*, Baltimore, MD *Aug 2017 – Present*
- Assist students and grade assignments for Computer Science I for Majors (CMSC 201)
- Lead discussion groups for students, covering material in Python programming language
- Hold weekly office hours to aid students outside of class

Self-Employed, *iOS Application Developer*, Aston, PA *Sep 2014 – Present*
- Design, develop, and publish mobile applications through self-direction
- Three (3) applications available on the Apple App Store

Parsons Cyber, *Cybersecurity Engineer Intern*, Columbia, MD *Jun – Aug 2018*
- Defined, designed, developed, and implemented cybersecurity analytics and visualizations to identify and assess network and device security and vulnerabilities, and microservices for extensive, parallelized data correlation
- Analyzed network traffic for individual and overall anomalies in connections
- Researched, configured, and implemented offline region-mapping visualization solution for potential cybersecurity network risks

WSFS Bank, *Software Developer Intern*, Wilmington, DE *Jun – Aug 2017, Jan 2018*
- Collaborated with 3 developers and 2 project managers over a 3-sprint, Agile project to provide a working product (check processing application) to an internal customer by the end of the summer
- Contributed to the design of and implemented the RESTful API and database for the product, a web application
- Participated in daily standup meetings team members to discuss progress, speed bumps, and successes of the current sprint and project

Cratr LLC, *Senior Programmer and Management Team Member* *Aug 2016 – May 2017*
- Developed website payment system and product pages; company startup and formation

PROJECTS

Summer Intern Presentation Showcase (SIPS), AFCEA Central Maryland *Jul 2018*
- Presented solution to internal and external business leaders in AFCEA

Mid-Atlantic Collegiate Cyber Defense Competition Qualifiers, UMBC *Feb 2018*
- Managed and protected multiple Linux-based systems and firewall rules for each device

CyberDawgs Cyber Defense Exercise, UMBC *Nov 2017*
- Defended a Linux server, while supporting team efforts to complete offensive business objectives

Innovate Good Hackathon, UMBC *Apr 2017*
- Collaborated with 3 students to brainstorm, develop, launch, and present a winning web application (using Django API in Python on a Heroku app) in a 24-hour time constraint, aimed to help crime victims

VOLUNTEER ACTIVITIES

Bits and Bytes & Cyber 101, UMBC CWIT *Feb 2017, Sep 2017*
- Assisted participants in a programming workshop intended to promote STEM fields to high school junior girls

Photo Club, UMBC *Aug 2017 – May 2018*
- Served as Treasurer; responsible for managing funds, fundraising, and contributing to overall club management