Matt R. Manzi

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EDUCATION

University of Maryland, Baltimore County (UMBC), Baltimore, MD   *GPA: 3.975 (major: 4.0), May 2020*
Bachelor of Science, Computer Science, Cybersecurity Track; Certificate in Chinese Studies
Honors: Center for Women in Technology (CWIT) Cyber Scholar, Dean's Fellow

TECHNICAL SKILLS

Programming	Python, Java, C/C++, C#, Swift, HTML/CSS, JavaScript, Shell Scripting, Intel Assembly (x86-64)
Technologies	RESTful Services, SQL Databases, Vue.js, Virtual Machines
Operating Systems	Ubuntu Server 16, CentOS 7, macOS, Windows & Windows Server
Software	Xcode, Eclipse, Proxmox, VMware, Splunk 6.3 (Power User certified), Elastic Stack, MS-Office
Hardware	Rackmount Servers, Juniper Networking Equipment, Arduino, Raspberry Pi

RELEVANT EXPERIENCE

Juniper Networks, *Systems Engineering Intern*, Sunnyvale, CA   *May – Aug 2019*
- Evaluated a new product in order to write and produce a 50-page guide designed to expedite the learning process for other pre-sales systems engineers
- Presented the deliverable at a company-wide showcase to employees of all business verticals
- Shadowed other systems engineers in sales and customer meetings to learn sales and business principles

Parsons Cyber, *Cybersecurity Engineer Intern*, Columbia, MD   *Jun – Aug 2018*
- Defined, designed, and implemented cybersecurity analytics and visualizations to identify and assess network and device security, and microservices for parallelized data correlation
- Analyzed network traffic for individual and overall anomalies in connections
- Researched, configured, and implemented an offline region-mapping visualization solution for threat identification in a secure environment
- Presented solution to business leaders in AFCEA Central Maryland at their Summer Intern Presentation Showcase

WSFS Bank, *Software Developer Intern*, Wilmington, DE   *Jun – Aug 2017, Jan 2018*
- Collaborated with developers and project managers over a 3-sprint, Agile project to successfully deliver a check processing application to an internal customer by the end of the summer
- Contributed to the design and implemented the RESTful API and database for the product, a web application
- Participated in daily standups with team to identify highs and lows of the current sprint and overall project

UMBC, *Computer Science Lead Teaching Assistant (TA)*, Baltimore, MD   *Aug 2017 – May 2019*
- Headed a team of 20+ TAs, working with course faculty to delegate tasks and ensure consistent education
- Assisted students and graded assignments for Computer Science I for Majors (CMSC 201)
- Led discussion groups covering material in Python programming language
- Held weekly office hours to aid students outside of class
- Wrote and maintained scripts to optimize student assignment submission and grading processes

Cratr LLC, *Senior Programmer and Management Team Member*, Baltimore, MD   *Aug 2016 – May 2017*
- Developed website front-end to interact with Python Flask API; collaborated on company startup and formation

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

ADDITIONAL EXPERIENCE

Self-Employed, *DJ and Master of Ceremonies*, Aston, PA   *Sep 2013 – Present*
- Provide music, lighting and announcement for private parties of up to 100 people

IceWorks Skating Complex, *DJ and Video Producer*   *Nov 2012 – Sep 2015*
- Created an exciting and social environment for audiences of all ages to enjoy public skating
- Produced commercials for skating complex and junior pro hockey team to advertise opportunities and increase sales and public awareness

PROJECTS

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

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

Retriever Music Society, UMBC   *Feb 2017 – May 2020*
- Perform as a DJ and master of ceremonies for on-campus events and organizations

Bits and Bytes & Cyber 101, UMBC CWIT   *Feb, Sep 2017 & Feb 2020*
- Helped organize an overnight program for high school junior girls to visit UMBC and engage in meaningful activities related to their interests in STEM, as well as held presentations and assisted participants throughout the program

Internet Day, Juniper Networks   *Jul 2019*
- Planned and coordinated an intern-led, all-day event over two weeks to educate underprivileged elementary school students on the technologies and concepts that drive the modern Internet

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