

# Matt R. Manzi

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## EDUCATION

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**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

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

## RELEVANT EXPERIENCE

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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

## ADDITIONAL EXPERIENCE

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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

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*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

*iOS Application Development* Sep 2014 – Present

- Design, develop, and publish mobile applications through self-direction
- Three (3) applications available on the Apple App Store

## VOLUNTEER ACTIVITIES

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*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