

Matt R. Manzi

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PROFILE

Self-driven, hardworking technology solutions developer. Team-oriented and versatile, with the proven ability to step up and lead. Emphasis on communication and iteration early and often. Passionate about collaboration and documentation. Summa cum laude graduate with a B.S. in Computer Science and Certificate in Chinese Studies, along with certifications in AWS and Splunk. I'm intentional in what I do, and I don't let that stop me from failing forward.

SKILLS

Programming: TypeScript, Python, HTML & CSS, Swift, Shell Scripting, Java, C & C++
Technologies: Node.js, RESTful Services, CloudFormation, Splunk, pfSense, Networking, SQL Databases, MS-Office
Platforms: AWS, macOS, Linux (Debian-based, Fedora-based), Windows Desktop & Server
Practices: Serverless Architecture, Peer Review, BDD-style Testing
Management: Task Planning & Prioritization, Documentation

INDUSTRY EXPERIENCE

Full Stack Software Engineer at Relay Network, Radnor, PA *Sep 2020 – Present*

- Design, develop, and maintain new, customer-facing applications and features, specialized solutions for backend services, and systems for internal engineering initiatives
- Provide on-call support for critical systems
- Participate in project and sprint planning
- Train and mentor new hires

Systems Engineer Intern at Juniper Networks, 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

Cybersecurity Engineer Intern at Parsons Cyber, 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

Software Developer Intern at WSFS Bank, 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

ADDITIONAL EXPERIENCE

DJ and Master of Ceremonies, Aston, PA*Sep 2013 – Present*

- Provide music, lighting and announcement for private parties of up to 100 people
- Manage all business finances and logistics

Computer Science Lead Teaching Assistant (TA) at UMBC, 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

PROJECTS

MattManzi.com*Sep 2015 – Present*

- Design and develop personal website to communicate professional and personal interests while exploring new technologies

Mid-Atlantic Collegiate Cyber Defense Competition Qualifiers, UMBC*Feb 2018*

- Managed and protected multiple Linux-based systems and firewall rules for each device

iOS Application Development*Sep 2014 – May 2020*

- Designed, developed, and published mobile applications to the Apple App Store through self-direction

EDUCATION

University of Maryland, Baltimore County (UMBC), Baltimore, MD*May 2020*

Bachelor of Science, Computer Science, Cybersecurity Track; Certificate in Chinese Studies

Honors: Summa Cum Laude, Center for Women in Technology (CWIT) Cyber Scholar, Dean's Fellow