

Matthew 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, Swift (iOS), Python, C++, Transact-SQL, Bash, HTML, CSS, JavaScript, C#, C
Operating Systems	macOS 9-12, Ubuntu Server/Desktop 16, Windows 7/8/10
Software	MS-Office, Xcode, NetBeans, SQL Server Mgmt Studio, Splunk (Power User 6.3), Eclipse, VMware
Hardware	Arduino, Raspberry Pi, Rack Servers, Networking Equipment, PC Components

EXPERIENCE

UMBC, <i>Computer Science Teaching Assistant</i> , Baltimore, MD	Aug 2017 – Present
<ul style="list-style-type: none">Assist with, grade, and support students taking Computer Science I for Majors (CMSC 201)Lead discussion and review sections for students, covering material in Python programming languageHold weekly office hours to aid students outside of class	
Self-Employed, <i>iOS Application Developer</i> , Aston, PA	Sep 2014 – Present
<ul style="list-style-type: none">Design, develop and publish mobile applications through self-directionThree (3) applications available on the Apple App Store	
WSFS Bank, <i>Software Developer Intern</i> , Wilmington, DE	Jun – Aug 2017
<ul style="list-style-type: none">Cooperated with 3 developers and 2 project managers over a 3-sprint, Agile project to provide a working product to an internal customer by the end of the summerContributed to the design of and implemented the RESTful API and database for the product, a web applicationParticipated in daily standup meetings team members to discuss progress, speed bumps, and successes of the current sprint and project	
Cratr LLC, <i>Senior Programmer</i>	Aug 2016 – May 2017
<ul style="list-style-type: none">Built and integrated features to provide crucial website functionality and benefit user experience, including a payment system and product pagesCollaborated with 5 team members to facilitate personal and other's contributions to the startup of the companyContributed to formation of the business as a member of the management team	

PROJECTS

CyberDawgs <i>Cyber Defense Exercise</i> , UMBC	Nov 2017
<ul style="list-style-type: none">Defended a Linux server, while support team efforts to complete offensive business objectives	
Innovate Good <i>Hackathon</i> , UMBC	Apr 2017
<ul style="list-style-type: none">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	
HackUMBC <i>Hackathon</i> , UMBC	Oct 2016
<ul style="list-style-type: none">Collaborated with 3 students to brainstorm, develop, launch, and present an original website in a 24-hour time constraint to provide users with crowdsourced restaurant wait times	

VOLUNTEER ACTIVITIES

Bits and Bytes, UMBC CWIT & <i>Cyber 101</i> , UMBC CWIT	Feb 2017, Sep 2017
<ul style="list-style-type: none">Assisted participants in a programming workshop intended to promote STEM fields to high school junior girls	
Photo Club, UMBC	Aug 2017 – Present
<ul style="list-style-type: none">Serve as Treasurer; responsible for managing funds and fundraising, and contributing to overall club management	