

# Matthew R. Manzi

ERK 406, UMBC 1000 Hilltop Circle, Baltimore, MD 21250 • (610) 368-4021 • manzi.matthewr@gmail.com

## 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, *Computer Science Teaching Assistant*, Baltimore, MD

Aug 2017 – Present

- 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 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

WSFS Bank, *Software Developer Intern*, Wilmington, DE

Jun – Aug 2017

- 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 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*

Aug 2016 – May 2017

- Built and integrated features to provide crucial website functionality and benefit user experience, including a payment system and product pages
- Collaborated with 5 team members to facilitate personal and other's contributions to the startup of the company
- Contributed to formation of the business as a member of the management team

## PROJECTS

CyberDawgs *Cyber Defense Exercise*, UMBC

Nov 2017

- Defended a Linux server, while support 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

HackUMBC *Hackathon*, UMBC

Oct 2016

- 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 & *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 – Present

- Serve as Treasurer; responsible for managing funds and fundraising, and contributing to overall club management