

Thomas A. McCullough III

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EDUCATION

The University of North Carolina at Charlotte **Aug 2016 - Present**

CNSS 4011, 4012, 4014, NSA/DHS Center of Academic Excellence in Cyber Defense

M.S. Cybersecurity (3.8 GPA, Expected May 2021)

B.S. Computer Science (3.39 GPA, May 2020)

Istituto Lorenzo de' Medici - Roma **Aug 2018 - Dec 2018**

International Student in Rome, Italy for Fall 2018 semester

Undergraduate Research Projects in Ancient and Imperial Rome

Middle Creek High School **Aug 2012 - Jun 2016**

Graduated with honors (3.9 GPA), Digital Media Academy, Chess Team Captain

EXPERIENCE

Product Security Engineer, Honeywell - Atlanta, GA **May 2019 - Aug 2019**

- Assisted deployment of new cybersecurity requirements framework
- Led training of that framework to over 3,000 software engineers and security architects
- Assisted product security deliverables including security requirements, threat models, binary scanning, static/dynamic analysis, code reviews, etc.
- Researched blockchain as a method of decentralized public key infrastructure

Web Developer & Graphic Designer, Freelance **Dec 2013 - May 2018**

- Built websites for mostly local small businesses
- Provided graphic design services for logos and advertising campaigns
- Provided consulting services for businesses looking to expand and streamline their digital footprint through webpages and social media
- Utilized HTML/CSS, JavaScript, Wordpress, CPanel, Adobe Creative Cloud, etc.

SKILLS

Secure Software Development, Governance and Compliance

- Security Requirements, Threat Modeling, Penetration Testing, Static/Dynamic Analysis, etc

Programming, Web Development

- HTML, CSS, JavaScript, SQL, Java, C++, Python, Wordpress, CPanel, etc etc

Public Speaking & Presentations

- Extremely comfortable and experienced speaking in front of large audiences

Adobe “Graphic Design Specialist” Certified

- Achieved designated title after earning certifications in Adobe Photoshop, Illustrator, and InDesign

Microsoft Office

- Proficient with Microsoft Word, Powerpoint, Publisher, and Excel

EXTRACURRICULARS

Senior Study Abroad Ambassador, Office of Education Abroad Jan 2019 - May 2020

- Assisting and mentoring students who are in various stages of studying abroad
- Public speaking about my experiences as an international student
- Interacting with students on campus to promote international education
- Promoted to Senior Study Abroad Ambassador in August 2019

Tour Guide, Housing and Residence Life

Aug 2016 - May 2018

- Provided tours of campus housing facilities to prospective students and families
- Tour groups ranged from two to twenty people
- Accommodated individuals with various visual, auditory, or physical disabilities or low proficiency in the English language.
- Chosen by management to lead training sessions for new tour guides in final months

ACHIEVEMENTS

CyberCorps Scholar, National Science Foundation

Aug 2019 - Present

Global Engagement Scholars Program

Oct 2019 - May 2020

Inductee, Phi Beta Delta Honor Society for International Scholars

November 2019

Inductee, Sigma Alpha Lambda Honor Society

October 2019

Chancellor’s List

May 2020

Dean’s List

Dec 2017, May 2018, Dec 2019

National Competitor, SkillsUSA

Aug 2014 - Apr 2016

- 1st Place, 2015 North Carolina State Championship, T-Shirt Design & Presentation
- 19th Place, 2015 United States National Championship, T-Shirt Design & Presentation
- 2nd Place, 2016 North Carolina State Championship, Engineering Design & Technology

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RELEVANT COURSEWORK

ITIS 6420	Usable Security and Privacy
ITIS 5246	Competitive Cyber Defense
ITIS 5221	Secure Programming and Penetration Testing
ITIS 5250	Computer Forensics
ITIS 5260	Security Analytics
ITIS 4166	Network-Based Application Development
ITIS 3246	IT Infrastructure and Security
ITIS 3200	Information Privacy and Security
ITSC 3181	Computer Architecture
ITCS 3160	Database Design and Implementation
ITSC 3155	Software Engineering
ITSC 3146	Operating Systems and Networking
ITIS 2300	Web-Based Application Design and Development
ITSC 2214	Data Structures and Algorithms (Java III)
ITSC 2175	Logic and Algorithms
ITSC 1213	Intro to Computer Science II (Java II)
ITSC 1212	Intro to Computer Science I (Java I)
MATH 2164	Matrices and Linear Algebra
STAT 2122	Probability and Statistics
MATH 1242	Calculus II
MATH 1241	Calculus I
ENGL 2116	Technical Communication

IN-PROGRESS COURSEWORK

ITIS 6167	Network & Information Security
ITIS 6240	Applied Cryptography
ITIS 6362	Information Technology Ethics, Policy & Security

