SKILLS

PROGRAMMING LANGUAGES:
Java • C • Python • SQL • HTML 5.0
• JavaScript • CSS • Shell • LaTeX

TECHNOLOGIES:
Eclipse IDE • MS Office • UNIX • Linux
• Windows • Wireshark • FTK Imager

EXPERIENCE WITH:
Agile Software Development (Scrum)
Matrix Management

COURSEWORK

Object-Oriented Programming I & II
Algorithms
Introduction to Computer Systems
Organization of Programming Languages
Discrete Structures
Foundations in Cybersecurity
Applied Cybersecurity Foundations I & II
Digital Forensics
The Policy Implications of Cyberspace
Introduction to Linear Algebra

AWARDS

CMNS Fall 2018 Dean's List (Feb. 2019)
OMSE Academic Excellence Award
(Feb. 2019)
Parson's CTF 9th out of 46 (Oct. 2018)
PClassic Programming Competition - 29th
out of 88 teams (Fall 2016), Spring 2016,
17th out of 83 teams (Fall 2015)

ORGANIZATIONS

ACES Student Board (Treasurer)
ACES Competition Team
ACES Cybersecurity Connect
UMD Honors Ambassadors
UMD CMNS Ambassadors
UMD Chinese Student Association

LINKS

LinkedIn:// ▮▮▮▮▮▮▮
Website:// ▮▮▮▮▮▮▮▮▮▮

EDUCATION

UNIVERSITY OF MARYLAND | BS Computer Science, ACES Minor
Anticipated May 2022 | College Park, MD | Cumulative GPA: 4.0 | CSGPA: 4.0
- Advanced Cybersecurity Experience for Students (ACES) Honors College
- Academic Honors Fall 2018 & Spring 2019

▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮ | Maryland Diploma
Graduated May 2018 | Clarksville, MD | UWGPA: 4.0 | WGPA: 4.87

EXPERIENCE

NORTHROP GRUMMAN CORPORATION MISSION SYSTEMS | Cyber Software/System Engineer
May 2019 – August 2019
- Solve Big Data challenge with Machine Learning
- Optimize cyber intelligence pipeline data rates and alert systems
- Develop optimization program using Python, MySQL, and Linux technologies
- Employ Agile software development methodologies and Matrix management

WINTER GROWTH INC. | Search Engine Optimization (SEO) and Google Analytics Manager
July 2017 – May 2018
- Managed and invested $10,000 in keyword bids against competing companies
- Increased audience engagement from <6% to over 15% within a few months
- Created keyword research, development, and bid strategies
- Optimized Google search engine results to promote community outreach and ad relevance
- Implemented site and user data tracking through HTML and Google Analytics

"PCLASSIC" PROGRAMMING COMPETITION | Team Leader
November 2015 - April 2016
- Programming competition at the University of Pennsylvania
- Programmed Java to solve problem sets ranging from novice to advanced difficulty over the course of 4 hours
- Led and managed teams by distributing the workload according to the members' strengths to maximize efficiency

PROJECTS

U.S. NATIONAL PARK SERVICE - Information Kiosk
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- Developed an information kiosk web application using HTML 5.0, JavaScript, and CSS
- Utilizes search function with state and park filtering to display relevant information using the National Park Service API

▮▮▮▮▮▮▮▮▮ - Study Guide Website
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- Developed a website using HTML 5.0 to publish personal study guides
- Over 6,100 views and more than 1,400 visitors since the website was launched in January 2016