

BRIAN MONTECINOS-VELAZQUEZ

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EDUCATION

Bachelor of Science in Computer Science

West Chester University of Pennsylvania

AUGUST 2019 – MAY 2022

NSA/ABET Computer Security Certificate • Minor in Applied Statistics

GPA: 3.91/4.0 • **Dean's List:** from Spring 2020 to Fall 2021

Outstanding Senior Award 2022

Relevant Coursework:

Intro to Cloud Computing • Software Engineering • Computer Systems
Edge Computing • Modern Malware Analysis • Data Structures/Algorithms

Master of Science in Computer Science

West Chester University of Pennsylvania

AUGUST 2021 – MAY 2023 (EXPECTED)

GPA: 4.0/4.0

Relevant Coursework:

Software Security • Networking • Database Systems



EXPERIENCE/ACTIVITIES

General Merchandise Expert | Target Corporation

JUNE 2019 – CURRENT

- Required efficient time management to complete duties
- Developed strong communication skills for customer interaction
- Discovered significance of creating collaborative environment

Cyber Security Club | West Chester University

FALL 2021 – CURRENT

- Participated in NCAE Cyber Games 2022 with team of peers:
 - Linux System Administration
 - Virtual Machine configuration
 - Capture the Flag challenges
- Participated in NSA Codebreaker Challenge 2021
 - Wireshark packet analysis and program debugging

Computer Science Club | West Chester University

FALL 2021

- Worked on game development with a group of peers
- Worked with Unity builds and GitHub



PROJECTS

University Chatbot (Spring 2022): led a small team to develop a cloud-based, deep learning chatbot application

- Learned about cloud-based development: containerization, orchestration, CI/CD pipeline
- Development based in Git, Docker, Kubernetes, and Jenkins
- Worked with Python, MySQL, and JavaScript
- Developed NLU pipeline with Rasa framework

Graduation Planner (Fall 2021): Led a small team to develop a sorting program for finding graduation path through map of courses

- Developed a graph data structure and applied topology sort
- Developed web scraping program to populate graph with data
- Worked with Java, Python, and organized a GitHub repository



SKILLS

Programming Languages:

JAVA • PYTHON • C

Technical Knowledge:

Object Oriented Programming • UML
Functional Programming • Assembly
GNU Debugger • Wireshark • Bash
Windows Terminal • Linux CLI • Vim
IntelliJ • IDEA • Eclipse
Git • Docker • Kubernetes • Jenkins

Statistical Analysis:

SQL • R • SAS • SPSS • Excel
Model Building • Data Frame Handling
Database Management

Digital Communication:

Office Suite • Adobe Creative Suite

Spoken Languages:

English (Fluent) • Spanish (Fluent)