Mateo Duke

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Undergraduate Education

University of Delaware, College of Engineering   **Newark, DE**
B.S. Major in Computer Engineering   *Expected May, 2021*
Minor in Cyber Security, Minor in Computer Science
Cumulative GPA: 3.2

Related Coursework

CPEG 470 - Web Application Security
CISC 361 - Operating Systems
CISC 220 - Data Structures
CPEG 419 - Computer Networking

Programming Experience

Software Engineering Intern - CHIP DESIGN SYSTEMS LLC   *August 2018 - Present*
- Developed software to control infrared camera systems over web socket and Linux SSH
- Combined knowledge of python, javascript, and HTML programming to add features to improve user experience, automation, and data collection
- Created scripts to test system efficiency, determine system flaws, and fix bugs

Leadership Experience

CPEG 202 Intro to Digital Systems: Head Supplemental Instructor   *February 2018 - Present*
- Collaborated with professors to standardize a new revision of the introductory digital systems class.
- Tasked with teaching one hour lectures, leading team discussions, and training other supplemental instructors.

CISC 106 General Computer Science for Engineers: Undergraduate Teaching Assistant
- Taught the basics of the python programming language in weekly lab sessions.
- Responsible for holding office hours, grading assignments and proctoring exams

Skills

Proficient in various soldering techniques
Conversational Spanish
Python, C, C++, Javascript ,HTML, & Java Programming

Memberships

University of Delaware Chess Club
Sigma Phi Delta Professional Engineering Fraternity

Interests

Competing in official competitive chess tournaments

References

References are available upon request