

Chad Computer Scientist

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EDUCATION

Xavier University Cincinnati, OH

Anticipated May 20XX

Bachelor of Science, Mathematics and Computer Science

Concentration in Cybersecurity

University Scholars Program | Dean's List |

GPA: 3.XX/4.00

Relevant Coursework: Data Structures & Algorithms, Software Engineering, Machine Organization, Systems & Network Security, Graph Theory

RELEVANT EXPERIENCE

Clemson University

Clemson, SC

Research Assistant

Summer 20XX

- Performed research in A Dynamic Lab with Dr. D'artagnan on "Title of Extensive Research Paper"; A Mathematical Analysis on Student Enrollment trends
- Engineered custom programs in Python to evaluate user interaction patterns, ensuring data integrity and safety while testing experimental scenarios
- Presented technical mathematical concepts in laymen's terms to faculty, deans and stakeholders across different academic departments to ensure the research was understood beyond the mathematics department.

Xavier University

Cincinnati, OH

Supplemental Instruction Lead (SI)

January 20XX- Present

- Facilitated weekly study sessions for 30-45 undergraduate students in foundational courses, including *Introduction to Computer Science, Calculus I and II, and Operating Systems*
- Revised study guides and generated practice problems, contributing to a 20% improvement of student test scores Calculus I and 35% better retention rate from the semester prior in Introduction to Computer Science
- Guided 5-7 students a week in one-on-one sessions to help grasp material in subjects or prepare for exams

Xavier University

Cincinnati, OH

Internal Operations Assistant

Aug 20XX – Apr 20XX

- Use Salesforce to update information in Xavier's database of prospective donors to help support fundraising team and their efforts towards the *For One. For All. Forever.* campaign

COMPETITIONS

National Cyber League

Oct 20XX – Nov 20XX

Participant

- Competed in a rigorous national cybersecurity tournament, demonstrating technical proficiency in log analysis, web application security, and network forensics.
- Collaborated with Xavier student team to solve capture-the-flag (CTF) challenges, securing 8th place out of 4,214 teams nationwide (2925/3000).
- Hand picked by computer science faculty to represent Xavier alongside three other teammates

LEADERSHIP EXPERIENCE

Life After Sunday Cincinnati, OH

Treasurer

January 20XX – Present

- Verified expenses, approved purchases, and maintained financial records for future auditing for a student organization with a \$9,000 annual operating budget
- Directed March Gladness campaign and helped secure an additional \$8,520 in fundraising towards future club events, such as a faith-based trip to Columbus Ohio for SEEK 20XX

SKILLS

Systems & Security Tools: Windows 10/11, AD, ServiceNow, Automox, Tanium, Kali, Wireshark

Development Tools & Platforms: VS Code, Git, Git Bash, GitHub, Firebase/Firestore

Programming & Web Development: Java, Python, SQL, HTML/CSS/JavaScript, R, Node.js, React

Additional Technologies: Microsoft Office/365, Markdown/Quarto, RStudio, MIPS, Salesforce