

CESAR DIAB

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OBJECTIVE

Computer Science student seeking a cybersecurity internship with a focus on digital forensics and security operations.

SUMMARY OF QUALIFICATIONS

- Work-study student at UTSA supporting academic success as a Peer Educator and conducting research funding analysis for the Klesse College of Engineering under the Associate Dean of Research
- Created data tools and visualizations to analyze trends in research funding and spending, H-indexes, and citations for strategic planning and reporting
- Proficient in Java, C, HTML, and Linux, with experience in Programming I & II, Data Structure, System Programming, and Application Programming
- Hands-on experience in digital forensics, including use of Autopsy, SHA-256 hashing, WireShark, FTK Imager, and forensic tools, as well as TryHackMe and HackTheBox challenges
- Experienced in student leadership and organizing technical workshops, promote inclusion in computing communities
- Fluent in English and Arabic, with working proficiency in French; Microsoft Office Specialist certified

EDUCATION

The University of Texas at San Antonio

May 2027

Bachelor of Science, Computer Science

GPA: 3.97

- Concentration in Cyber Security, Minor in Digital Forensics
- Related courses: Programming I & II, System Programming, Application Programming, Cybercrime Investigation Principles, Data Structures, Discrete Math, Calculus I & II, Computer Organization, Math Foundations for CS
- President's List of Academic Excellence

EMPLOYMENT

Data Research Analyst

April 2025 - Present

University of Texas at San Antonio, San Antonio, TX

- Assisting the Associate Dean of Research by analyzing faculty research output, citations, and funding data
- Develop scripts and visual tools to process and present trends in H-indexes, research impact, and funding activity
- Tracked DoD- and DOE-affiliated funding proposals using Excel, Python, and scripting for data refinement and reporting

Peer Educator (Floor and Athletic Tutor)

August 2024 - Present

UTSA's Academic Support Programs, San Antonio, TX

- Tutored 20+ students in Calculus and Programming, resulting in improved academic performance and consistent positive feedback
- Guide students through complex concepts, provide study tips, and check for understanding to facilitate improved academic performance
- Received positive feedback from students, with repeat requests for sessions, including athletic students noting increased comprehension of material beyond classroom instruction

ACADEMIC PROJECTS

SilvesBro – Android Study Companion App

Spring 2025

- Built an Android app in Java leveraging Android Studio, where a virtual professor reacts to user productivity and study habits
- Integrated Pomodoro timer, task manager, music toggle, and character customization features to encourage focus

Email Forensics & the Enron Scandal

Spring 2025

- Used Aid4Mail to extract and convert PST archives into CSV format for email analysis and evidence triage
- Investigated metadata, senders, time stamps, and keywords to uncover case-critical communications
- Demonstrated digital forensics methods leveraged in large-scale fraud and corporate investigations

Live RAM Acquisition & Memory Analysis

Spring 2025

- Captured volatile memory using Belkasoft Live RAM Capture and parsed it with a hex editor for hidden artifacts
- Identified user activity, credentials, and active sessions from the memory dump
- Gained experience in live data acquisition and volatile evidence handling procedures

ORGANIZATIONS & LEADERSHIP

Hacker Experience Officer

September 2024 - May 2025

CodeQuantum - The Association for Computing Machinery, San Antonio, TX

- Lead technical workshops, events, and interactive activities, creating an inclusive environment in the tech community
- Produced "Hacker Experience Guide" to support participants with resources and event information

Co-President and Chair of the Board

January 2024 - May 2025

Middle Eastern North African Student Association, San Antonio, TX

- Revived the organization, forming a new executive board and initiating campus-wide cultural events
- Planned campus events like the Spring Culture Festival to encourage cultural exchange and unity
- Guided executive board activities and ensured adherence to the organization's constitution and bylaws

EXPERIENCE

Technical Support and Red Cross Volunteer

September 2022 - August 2023

Lebanese Red Cross - Youth Center, Batroun, Lebanon

- Led the district's IT support initiatives, troubleshooting technical issues and maintaining communication systems to facilitate smooth operations
- Organized and taught humanitarian aid-related programs, improving community engagement and awareness

LWIS Community Service Program

September 2019 - May 2020

Green Lebanon, Lebanon

- Developed and presented a 2-month program to raise awareness on climate-related issues, fostering community involvement and education

HONORS AND AWARDS

- Microsoft Office Specialist Certification (Word/PowerPoint/Excel 2016)
- Ewing Halsell Endowed Foundation Scholarship
- Dr. Craig Jordan Excellence in Student Success Endowed Award
- Distinguish Science Judge, Harmony School of Science
- Diplôme d'Etudes en Langue Francaise A2, French Ministry of Education