

Naja-Lee Habboush

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EDUCATION

The University of Texas at Dallas May 2025
Bachelor of Science, Computer Science **GPA 3.85**

- Awarded Academic Excellence Scholarship
- Awarded Dean's List

Courses: Programming Paradigms, OS Concepts, Advanced Algorithms, Automata Theory, Computer Architecture

PROJECTS

Personal Website, Developer May 2023

- Developed a personal website using React.js, HTML, and CSS, to showcase a professional portfolio of work/projects and provide accessible contact information, leveraging skills in programming and problem solving.

ACM Research, Researcher, Association of Computer Machinery at UT Dallas February 2023 – May 2023

- Conducted research on vulnerabilities in Internet of Things (IoT) devices, with a focus on Bluetooth Low Energy (BLE) technology, identifying potential risks, leveraging skills in cybersecurity, networking, and IoT protocols.
- Demonstrated vulnerabilities by creating a worm capable of infecting 100s of devices, underscoring the need for security measures in IoT, and applying knowledge in offensive cybersecurity techniques and BLE technology.

Charity App, Developer February 2023 – May 2023

- Developed a cross-platform, mobile charity app for IOS and Android utilizing the Flutter framework to create a user-friendly interface. Implemented a database using Firebase backend services for data synchronization.
- Collaborated with a semester-long group and organized effective communications for the team, ensuring the successful submission of the app with positive feedback.

INVOLVMENT/VOLUNTEER EXPERIENCE

Data Analytics Committee, Volunteer, Brighter Horizons Academy Summer 2023

- Developed analysis tools to enable teachers to evaluate students' academic performance, leveraging skills in Python, problem solving, data analytics, and data cleaning.

Advanced Cybersecurity Course, UT Dallas Summer 2019

- Configured virtual networks while learning the fundamentals of computer systems, communication, and networking. Performed penetration tests on different systems to uncover weaknesses in their defenses.
- Gained an understanding of advanced cybersecurity, dealing with vulnerabilities and securing networks.

Techno Kids, Teaching Assistant, Brighter Horizons Academy Fall 2017 – Spring 2019

- Taught 20 elementary-aged students the basics of computer programming over concepts such as variable declaration, loops, and functions.

Circuitry Design Course, UT Dallas Summer 2018

- Designed circuits for 8-bit displays while gaining knowledge in electronic circuits and digital logic design.

TECHNICAL SKILLS

Programming Languages: C++, C, Java, JavaScript, Assembly, HTML/CSS, Python, Racket, Prolog
Frameworks/Tools: React.js, Arduino, Git
Operating Systems: UNIX, Windows, MacOS