BOUTROS BOUTROS

Cybersecurity | DFIR | Defensive Security

PROFILE

Trilingual undergraduate ICT student specializing in Cybersecurity and Digital Forensics, with extensive hands-on experience through academic projects, labs, CTFs, and certifications. Strong foundation in incident analysis, defensive security tools, and Windows forensics, currently seeking a SOC / DFIR internship.

SOFT SKILLS

- **Focus under pressure** – Deliver quality results in high-stress environments.
- **Time Management** – Meet tight deadlines consistently.
- **Decision-making** – Prioritize tasks to achieve outcomes.

EDUCATION

American University of Science and Technology – Information & Communication Technology
2021 – Present
Emphasis on Cybersecurity

Sagesse Technique Institute – Technical Baccalaureate (BT3)
2019 – 2021
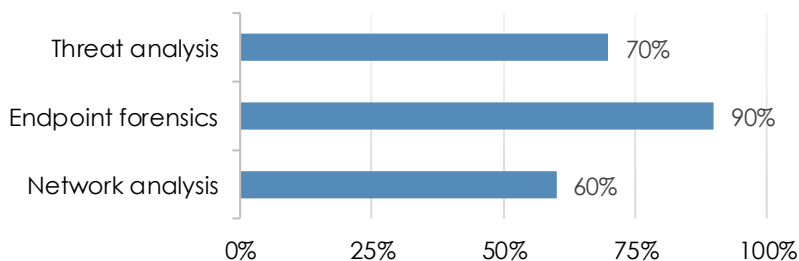Information Technology specialization

WORK EXPERIENCE

Python Programming Instructor (Freelance)
October 2022 – October 2024

- Helped students pass coursework by focusing on both foundational and advanced topics (socket programming, web scraping and multithreading).
- Designed reusable lesson material.
- Discussed learner career prospects in the programming field.
- Improved learner problem-solving skills.

Skills: Python, Communication, Problem Solving

CYBERSECURITY & DFIR SKILLS

Skill	Level
Threat analysis	70%
Endpoint forensics	90%
Network analysis	60%

PROGRAMMING SKILLS

Skill	Percentage
PHP / SQL / JS (full-stack)	80%
Java (Android)	70%
Python (advanced scripting, OOP, multithreading)	90%

(Chart axis: 0%, 25%, 50%, 75%, 100%)
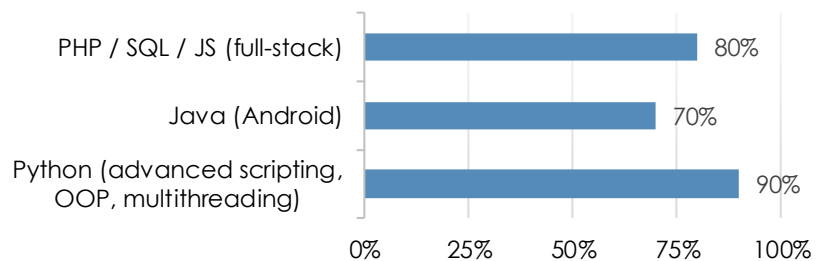
MS Office Suite: PowerPoint: Expert | Word: Expert | Access: Expert | Visio: Intermediate | Outlook: Novice | Excel: Novice.

Technical Skills:
- **Programming**: Python, Java, C, C++, C#, .NET, PHP.
- **Web Development**: HTML, CSS, Tailwind CSS, MySQL, MongoDB JavaScript, TypeScript, Node.js, Next.js.
- **Cybersecurity**: Burp Suite, Metasploit, John the Ripper, Hash cat, Nmap, Netcat, Wireshark, TCPDump, Shodan, OSINT Framework, Aircrack-ng suite.
- **Digital Forensics**: Autopsy, Magnet AXIOM, FTK Imager, Registry Viewer, Reg Ripper, Log2timeline, Plaso, Scalpel, EnCase, Redline, Volatility.
- **DevOps & Version Control**: Git, GitHub, GitLab.
- **Virtualization**: VirtualBox, VMware.
- **Operating Systems**: Windows, Linux (Kali, Ubuntu, Metasploitable).
- **Networking**: Cisco Packet Tracer.
- **Data & Disaster Recovery:** Disk Drill, Active Data Studio.

Interpersonal Skills: Teamwork & Collaboration | Empathy & Communication | Project Management | Problem-Solving & Critical Thinking.

PROJECTS

Project 1	**FlavorShare** – A full-stack web app for recipe sharing with account management, search filters, and secure login (PHP, MySQL, XAMPP, HTML, CSS, SQL JOINs, relational schema). Designed a responsive UI and implemented secure login using PHP sessions, enhanced user experience and security. Prospects: deploy the web app on a reliable source.
Project 2	**Dice Game** – Android game with user-friendly UI (dark mode support), simulates rolling dice and betting. (Java, XML, SQLite) [GitHub Repo]. Designed the game UI, implemented the Java code (classes, objects, functions), and evaluated the app using Android Studio's built-in emulator and Logcat for error handling.
Project 3	**TitanTech Distributions Hub** – Database for a tech company. Implemented the database itself and relational schema, with the correct entity relationships, as well as SQL statements for faster record lookup and better search results (MS Access, SQL).

Project 4	Jimmy Wilson case – Windows Forensics
	Conducted a **Windows 11 forensic investigation** on an E01 disk image, identifying deleted artifacts, orphan files, registry hives, and user activity timelines using Autopsy, RegRipper, and Registry Viewer. Documented findings following forensic methodology.

CERTIFICATES

July 2025	-	**CCNA 3:** Enterprise Networking, Security, & Automation
June 2025	-	SOC Radar – **Cyber Threat Intelligence Analyst**
Dec 2024	-	Cisco Certified **Ethical Hacker**
Sep 2024	-	Cisco **Network Technician** Career Path
	-	arcX **Cyber Threat Intelligence Analyst**
Aug 2024	-	Cisco **Cybersecurity Analyst** Career Path
		SoloLearn **JavaScript Intermediate**
Jul 2024	-	Amazon **AWS For Games & Databases**
	-	Huawei **HCIA – Security V4.0**
	-	SOC Radar – **Fundamentals of Dark Web**
June 2023	-	**CCNA 1:** Introduction to Networks
	-	**CCNA 2:** Switching and Routing Essentials
Feb 2022	-	Cisco **IT Essentials:** System Hardware Fundamentals

EXTRACURRICULAR

2026	Member of **AUST Official Chess Club**
2022	Chess Play-offs (lichess.org & chess.com)
2013 – 2016	**Lebanese National Higher Conservatory of Music** – Solfege (oriental & occidental) and "Darbuka"

LANGUAGES

Arabic	Native
English	Full professional proficiency
French	Intermediate – Limited working proficiency