

# Mina Safwat Kamel

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## PROFILE SUMMARY

As a computer engineering graduate, I am passionate about information security and Flutter development. I aim to excel as a penetration tester and utilize my expertise in Flutter, C++, and HTML. I have a keen eye for detail, strong problem solving skills, and proficiency in industry-standard penetration testing tools. I am committed to continuous learning and staying updated on cyber security trends. I am seeking opportunities in both penetration testing and software development to further develop my skills.

## EDUCATION

Ahram Canadian University

June 2024

**Bachelor's Degree in Computer Engineering with a GPA 3.71 (Class Rank: 1).**

**Relevant Coursework:** Software Engineering, Operating Systems, Network and Network Security, Machine learning, Design and Algorithms, Database, Data structure.

**Graduation project:** "Curio-Quest Application by using Machine Learning & Flutter".

## RELEVANT COURSEWORK

- Cisco Network Associate (CCNA)
- System administration (Linux)
- Ethical Hacking (Certificated)
- Flutter (Certificated)
- Web Design (Certificated)

## SKILLS

**Programing languages:** Basics in bash script & JavaScript, python, C++, HTML, CSS, Dart.

**Tools & Frameworks:** MetaSploit, NMAP, VS Code, Android Studio.

**Platforms:** Linux, Windows.

**Soft skills:** Problem-solving, Proactive learning, Teamwork and collaboration, Patience, Effective communication.

## Projects

### Curio Quest: Enhancing Museum Exploration Graduation Project | Flutter, Firebase, Machine Learning June 2024

- Curio Quest is designed to revolutionize museum tours by providing a mobile application that enables tourists to access detailed information about artefacts through image recognition, without the need for a tour guide.
- The project methodology included extensive research on mobile app development and machine learning, and integration of real-time data retrieval from Firebase for dynamic updates.
- This graduation project advances the field of cultural heritage preservation and tourism, offering a practical solution that combines intuitive navigation, comprehensive artefact information, and multilingual support to enhance user experience and promote cultural appreciation.

## EXPERIENCE

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### Startup, MEISTER

June 2024

#### Mobile Developer

- Assisted in development of the mobile application for Android using Flutter.
- Worked with Google Firebase to manage user inputted.
- Collaborated with team members using version control systems such as Git to organize modifications and assign tasks.

#### Product owner

July 2024

- Prioritize and manage the product roadmap, ensuring it aligns with company objectives and customer needs.
- Participated in sprint planning meetings to prioritize work and define sprint goals.
- Acted as the primary point of contact between the development team and stakeholders.
- Planed and coordinated product releases, ensuring that all necessary components are ready and that stakeholders are informed.

### Web Design

JULY 2023 – AUG 2023

By: National Telecommunication Institute (NTI).

The Web Design course overview can be summarized as follows:

- Introduction to Web Design: Covers the basics of the internet, World Wide Web, and website functionality.
- HTML and CSS Fundamentals: Focuses on designing, editing, linking documents, and adding multimedia elements using HTML and CSS.
- Advanced CSS and Responsive Design: Introduces CSS3 animations, transitions, media queries, and Flex-box for creating responsive websites.

### International Collegiate Programming Contest (ICPC)

AUG 2022

I participated in the International Collegiate Programming Contest (ICPC), a prestigious global competition that challenges teams of university students to solve complex algorithmic problems within a limited timeframe. Through my involvement, I honed my skills in problem-solving, algorithm design, and teamwork. Competing in ICPC not only enhanced my technical proficiency but also fostered collaboration and perseverance in high-pressure environments. It exemplifies my commitment to continuous learning and passion for computer science.

### Cyber security Trainee (Ethical Hacking)

April 2022 - OCT 2022

- Completed a comprehensive cyber security course, focusing on Cyber security Fundamentals and Network Security.
- Acquired practical skills using various cyber security tools to assess and enhance system security.
- Collaborated with peers to analyse and mitigate security risks, utilizing version control systems like Git for effective project management

### Open Source Community - AUC (OSC AUC)

NOV 2022

Participated in the Open Source Community - AUC, contributing to scripting workshops, a Capture the Flag (CTF) competition, Competitive Programming events, and tech talks aimed at promoting the free software movement among tech enthusiasts in Egypt. This experience developed my skills in scripting, tackle cybersecurity challenges, and enhance my problem-solving abilities in Competitive Programming. It deepened my appreciation for open-source principles and strengthened my teamwork skills.

## LANGUAGES

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- Arabic      Native
- English     Advanced
- French      Basic