

# Adham Hussin

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<https://adham-hussin.github.io/portfolio/>

## Summary

I am a second-year computer engineering student with a diverse programming background, a math enthusiast, and a web developer. I am looking for an internship opportunity in software engineering to gain hands-on experience and learn from industry experts. Proficient in C++ and Python, I also have familiarity with machine learning and web development technologies. I have a strong aptitude for learning and innovation, quickly grasping and applying new skills and tools in my projects. I am eager to join a dynamic team and contribute to the company's mission of leveraging technology for positive impact.

## Education

**BSC Computer Engineering – Second Year, Cairo University, Cairo**

*October 2021 - Present*

*Expected Graduation Date: July 2026 - Cumulative Percentage: 91.43%*

Relevant Courses

College: Data Structures and Algorithms • Programming Techniques (OOP) • Logic Design (I, II) • Database Management • Design and Analysis of Algorithms • Microprocessors (I, II)

Personal: Applied Data Science Specialization, Coursera (IBM) • Machine Learning Nanodegree, Udemy • Neural Networks and Deep Learning Course, Coursera (DeepLearning.AI) • Professional Web Development, Udacity (FWD) • SQL for Data Analysis, Udacity

## Experience

**Web Development Intern at Cairo University, Cairo**

*July 2023 – September 2023*

- Learned many Web Development technologies and made 3+ big projects in less than 2 months with them.
- Developed a dynamic personal portfolio website using pure JavaScript, HTML, and SASS.
- Built a professional resume maker website using React with Typescript and Node.js for the backend.

**ERP System Analysis Intern at Greater Cairo Foundries, Cairo**

*July 2023 – August 2023*

- Addressed design issues and proposed effective solutions.
- Learned to approach challenges systematically.
- Gained proficiency in SQL databases and important commands.
- Enhanced my problem-solving abilities.

## Extra-Curricular Activities

**Software and Automation Development Team Member at Cairo University Racing Team (CURT)**

*September 2023– Present*

- Developing and maintaining the dashboard for the car state parameters display.
- Developing a coding tool in python that automates generating C code.
- Developing a Storage System for the workshop

**Coaching Committee Member at TEDxYouth@FayoumSTEM**

*December 2021 – February 2022*

- Searched for potential speakers for the event.
- Evaluated the speakers and their fields of work.

## Awards

- First 100 Finishers in Next Coders initiative by ITIDA.
- Ranked 83rd on Egypt out of over 700,000 students in third secondary final exams (Thanawya Amma).

## Skills

**Proficient in:** C++ • OOP • Data Structures • Python

**Familiar with:** Git • PyQt5 • ML • DL • Data Analysis • HTML • CSS • React • Typescript • Node.js • React Native • MongoDB • SQL • Verilog • TCL • Shell

**Soft Skills:** Communication skills • Teamwork skills • Problem-solving skills • Learning skills

## Languages

English: Fluent

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Arabic: Native

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German: Beginner