

# Mina Albert Saeed Hermina

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## SUMMARY

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A highly motivated junior computer science student, specializing in IT, with a deep passion for GNU/Linux, networks, operating systems, and their history — how they developed from their origins to the present day. I am looking for an internship in Linux Systems Engineering and Linux/Unix Systems programming to apply my knowledge in real world projects.

## EXTRACURRICULARS

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### IEEE Cairo University Student Branch

March 2024 – June 2024

Networks Instructor

- Contributing to the development of technical content for the committee sessions and instructed real sessions for network committee members

## SKILLS & LANGUAGES

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### Technical skills & TOOLS:

- Python, C, C++, Java, OOP & Data structures
- POSIX-compliant shell scripting and Bash
- GNU/Linux
- Basic understanding of TCP/IP Protocols Suite
- Git, GitHub, vim, tmux

### Languages:

- Arabic: Native proficiency
- English: Intermediate proficiency (B1)

## PROJECTS

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### Linux Kernel With lockdep

April 2024

- Configured and built the Linux kernel to enable lockdep module which helps in debugging deadlocks in kernel space, replacing the new custom kernel into my system and using it.

### POSIX Compliant Shell scripts Creation

September 2023 - Current

- Building POSIX-compliant shell scripts to automate daily tasks on my system like spinning up a virtual machine, unarchiving archive files and screen casting.

### BigReal

November 2022 – December 2022

- Developed a C++ class that handles big Real Numbers which exceeds the limits of C++, implementing OOP and clean code concepts

### Higher Studies Systems

May 2023 – July 2023

- Building a user-friendly website using **Django** framework for the students and staff of Higher studies to streamline the education process.
- Separated student and admin roles by creating distinct models, ensuring tailored access to specific pages using Django decorators for each user type.

## EDUCATION

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Faculty of Computers and Artificial Intelligence, IT Department, Cairo university.

October 2024 – Current

- Bachelor's Degree in Information Technology (GPA: 3.2)