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SUMMARY

Computer and Communication Engineering student with strong academic performance (GPA 3.72). Aspiring Software / Full Stack Developer with hands-on experience in full stack, front-end, , system-level and software-robotics projects. Seeking internship opportunities to apply and enhance technical skills.

EDUCATION

Bachelor of Computer and Communication Engineering

Alexandria University
Expected Graduation: 2028

GPA: 3.72 / 4.0

SKILLS

- **Programming Languages:** C, Python, JavaScript, SQL

- **Front-End:** HTML, CSS, JavaScript, React

- **Back-End:** Node.js, Express.js

- **Desktop Development:** PyQt

- **Computer Vision:** OpenCV

- **Databases:** PostgreSQL

- **Tools:** Git, GitHub

- **Concepts:** OOP, Data Structures, REST APIs, CRUD Operations

CERTIFICATIONS

The Complete Full-Stack Web Development Bootcamp – Udemy   2025
[Credential URL]()

PROJECTS

Perfume Store – Full Stack Web Application
JavaScript, React, Node.js, Express.js, PostgreSQL

- Developed a full stack e-commerce web application for perfume sales

- Built RESTful APIs using Node.js and Express.js

- Designed and managed relational database using PostgreSQL

- Implemented a complete admin panel for managing products, orders, and users

- Implemented authentication and authorization system

To-Do List – Full Stack Application
JavaScript, React, Node.js, Express.js, PostgreSQL

- Developed a full stack task management application

- Built RESTful APIs for creating, updating, and deleting tasks

- Designed PostgreSQL database schema and relationships

- Implemented user authentication and task ownership

Product Management System – Front-End
JavaScript, HTML, CSS

- Developed a front-end product management system using vanilla JavaScript

- Implemented CRUD operations for product management

- Designed responsive and interactive user interface

Simon Game – Front-End Project

JavaScript, HTML, CSS

- Developed an interactive Simon Game using JavaScript

- Implemented game logic, scoring system, and user interaction handling

Bank Management System

C Programming Language

- Developed a bank management system using C

- Implemented account creation, deposit, withdrawal, and balance tracking

- Applied structured programming and file handling concepts

EXPERIENCE

Robotics Software Development

- Developed **computer vision modules** for **autonomous robots** using Python and OpenCV.
- Implemented basic **robot control logic** and assisted in **autonomous navigation workflows**.
- Built **GUI desktop applications (PyQt)** to visualize robot movement, sensor data, and playground maps.

EDUCATION

Bachelor of Computer and Communication Engineering Second Year Student GPA: 3.72

INTERESTS

Artificial Intelligence, Computer Vision, Software Engineering, Web Applications

ACTIVITIES

- Member of Robotics Team

- Participated in engineering and technical projects