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EDUCATION

- **Bachelor's degree in computer and Information Sciences.** **Oct 2021- Present**
SUEZ CANAL UNIVERSITY **Ismailia - Egypt**
- Relevant Coursework: C, C++, Python, Java, JavaScript, HTML, CSS, Data Structures and Algorithms, OOP, Probability & Statistics, Linear Algebra, Databases, Mysql, Networks.

PROJECTS

- **Word IN Word Web Application**
 - Link: <https://github.com/rag-nar1/Word-In-Word-Typing-Site>
 - a user-friendly web application designed to create an optimal environment for honing your typing skills.
 - The general goal is to boost your typing speed and accuracy.
 - main focus revolves around words that focus on the letters you find least accurate in your typing attempts.
 - Backend built on Django framework.
 - The database contains over 9000 words.
 - Front-end developed using JavaScript, HTML, and CSS.
- **Hotel Reservation System**
 - Link: <https://github.com/rag-nar1/Hotel-reservation-system>
 - Spearheaded the implementation of Object-Oriented Programming (OOP) principles and advanced file-processing techniques in C++
 - Composed 100% of the source code for a comprehensive overhaul, establishing a highly efficient system
 - Orchestrated key functionalities, including adept file reading and management of records
 - Leveraged two CSV files for optimal data handling and seamless system operation.
- **Escape Hatch**
 - Link: <https://github.com/rag-nar1/escape-hatch>
 - Designed and implemented the "Escape Hatch" game for the ODC hackathon
 - Utilized SFML for game development
 - Crafted 500 lines of code to address geometric and algorithmic challenges
 - Successfully completed the project within an impressive 2-day timeframe
 - ODC hackathon: excelled in solving coding problems, game development, and working within a team.

Skills

- **Programming**
Django - Mysql - Relational Databases - Javascript - HTML - CSS - JavaScript - Git - Github - Web scraping -
Data Structures - Algorithms - C - C++ - Python - Java - OOP
- **Miscellaneous**
Linux - SOLID - OOD - Software architecture

VOLUNTEER EXPERIENCE

IT and mentor Member ICPC SCU community **Oct 2022 – Present**

- Mentoring trainees at levels 0, 1, and 2, with a specific focus on fostering comprehension of data structures and algorithms.
- Conducting informative sessions on competitive programming topics tailored to each proficiency level, aimed at providing a comprehensive learning experience.
- Utilizing Codeforces Polygon to create and prepare a collection of 20 programming contest problems, designed to challenge and enhance thinking and solving skills among participants.

Certificates

- The 2024 ICPC ECPC Finalist: [6DBPGLWLQZJS](#).
- Python Programmer Bootcamp 365 Data Science: [CC-15F736AB3A](#).
- Introduction to Back-End Development Coursera: [QXJJLTHJKBCQ](#)
- Programming in Python Coursera: [5Q5KR3DF3AUQ](#)
- Version Control Coursera: [3BG4DC8SANLV](#)
- Introduction to Databases Coursera: [JM8JD8RQYTJ7](#)

Languages

- English - Advanced
- Arabic - Native