Noran Saber

Software Engineer

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Summary

I'm a biotech grad turned software engineering intern at [Alx Africa](#). Having started with JavaScript and Vue.js, I've now delved into Shell, C, Linux, Python, and SQL. My global team collaborations have refined my communication skills. Also, I'm an active Medium writer with 40+ articles, simplifying tech topics for enthusiasts.

WORK EXPERIENCE

Alx Africa - Remotely - *Software Engineer*
21 / 02 - Present (full-time)
ALX Africa stands at the forefront of empowering the next generation of African leaders and tech professionals. This groundbreaking platform specializes in hands-on training within software engineering and tech, emphasizing both technical prowess and global collaboration.

Technical Proficiency Acquired:

- Mastery of Shell basics
- Fundamental understanding of C and its data structures
- Proficiency in Python
- Introduction to Networking Principles
- Basics of SQL

Key Projects Undertaken:

During my tenure at ALX Africa, I navigated a spectrum of programming challenges and projects. A trajectory that commenced with Shell scripting later encompassed languages and concepts like C, Python, SQL, and foundational networking. Some pivotal projects include:

- **Printf**: A specialized program developed (C).
- **Simple Shell**: An introductory project in (C).
- **Monty:** A dynamic coding challenge in (C).
- **Sorting Algorithms**: Delving into various sorting methods and their applications (C).
- **AirBnB Clone**: A replication project emphasizing backend development in (Python).
- **Binary Tree**s: An exploration into data structures and algorithms (C).

Technical content writer (My blog)
21 / 02 - Present - Link
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EDUCATION

Cairo University, Cairo - *Bachelor of Biotechnology faculty of agriculture*
09 / 2018 – 05 / 2022
Final grade: Excellent with honour

PROJECTS

- **Boni-** 1/22
  - I've launched a brand-new website built using an innovative framework.

- **Creative-Agency-Template** 12/22
  - I crafted a website from scratch using a combination of HTML, CSS, and pure JavaScript. It's designed to showcase the skills and creativity of a creative agency.

- **WeatherApp -** 2 / 2023
  - I've designed and developed a straightforward yet effective weather application using Vue.js. This app allows users to quickly access up-to-date weather information.

- **ShowApp -** 4/2023
  - My latest project is an application that harnesses the power of APIs from two popular television series, Game of Thrones and Rick and Morty. This application conducts GET requests to both APIs, merging the acquired data to provide users with a comprehensive overview of both series.

- **Guessing Game -** 6/2023
  - The Guessing Game is a Python program offering users a fun challenge. It generates a random number, and users must guess it correctly. The program provides hints like "higher" or "lower" to assist users in making their next guesses. It continues until the user guesses correctly or runs out of attempts.

- **Note App -** 3/2023
  - I designed and developed a user-friendly note-taking application. This app provides a convenient platform for users to jot down and organize their thoughts, ideas, and important information.

SKILLS

- **Fundamentals:**
  - Data structures and Algorithms.
  - Problem Solving.
  - OOP.
  - SQL.
  - Networking.
- **Technologies:**
  - C - Python
  - Javascript – VueJs - Jest.
  - Html – Css – Sass – Bootstrap.
  - JSON – XML – REST.
  - Unit Testing.
  - Git – Linux.
  - Github.

Language Skills

- Arabic: Mother tongue
- English: Intermediate (spoken & written)

Personal Skills

- Resilient work ethic with the capacity to thrive in high-pressure environments
- Adaptable team collaborator.
- Receptive and eager to learn.
- Exceptional communication abilities

Social network

- LinkedIn: https://www.linkedin.com/in/noran-saber-abdelfattah-6198471ba/
- Github: https://github.com/Noransaber
- Medium: https://medium.com/@noransaber685