NABEEL MIRZA

SOFTWARE DEVELOPER

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EDUCATION

Institute of Business Administration, Karachi

Bachelor of Computer Science   2019-2023

Studied courses: System's Programming, Game Development, Rust Programming, Competitive Programming, Computer Graphics

Nixor College, Karachi

Pre-Engineering   2017-2019

- Physics
- Mathematics
- Chemistry

EXPERIENCE

Mindstorm Game Studios

Game Development Intern   June 2022 - Sept 2022

- Developed a Hyper-casual game on Unity using C#.
- Managed and mentored a team of 3 freshmen students.

Institiute of Business Administration

Research Assistant   Oct 2022 - Dec 2022

- Developed a language interpreter for user commands in C++.
- Assisted a professor in their research on benchmarking a student's logical and intellectual promise.

PROJECTS

EZHire | Rust, Reqwest, React & Firebase

- Developed a web application to parse candidate resumes and filter out relevant data from these resumes. These results helped the HR in shortlisting the best candidate for the position. The project also included a login system with 2FA and account verification, GitHub integrations to find skill level of the candidate in programming languages and LinkedIn integrations.

Cinemon | Node, Express, React & MongoDB

- Developed a web application for Cinema Enterprises to easily set up their theatre booking, shows booking and ticket sales. Customers also had the option to book their tickets and select a seat of their choice.

dataBased | Rust & Reqwest

- Developed a Database crate for Rust that eliminated the need for installing and initializing drivers in code to set up simple databases. The crate had its own logger, language interpreter and workspace management system. You could also export the data in various common formats (CSV, XML, JSON).

Desolation | C++ & SDL2.0

- Developed a top-down shooter with animations. The game included several maps. The gameplay was random each time a user played it.

Powerplay | Java & Swing

- Developed a cricket database that would store and compute individual and team statistics. Complete match statistics with could also be recorded. At the same time, the software could be utilized in various tournaments. Performance graphs could also be plotted.

META CURRICULAR

- Chess (1991 Elo)
- Counter Strike
- Swimming

FURTHER SKILLS

- LaTeX
- SQL
- C#
- Trello

GITHUB : Github.com/SBSixteen

LINKEDIN : Linkedin.com/in/nabeel-mirza-65940a204/