Selim Bamri

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in selim-bamri   SelimBamri

Summary

I am a self-driven final-year student in the field of Computer Science. My academic journey has equipped me with the invaluable ability of constructing full-stack dynamic web applications, developing Machine Learning and Deep Learning algorithms and a liking for business intelligence. I am excited about bringing my technical skills and problem-solving abilities into a professional environment and am on the lookout for an internship opportunity where I can contribute to and grow in a dynamic team.

Projects

Huruf Toon   *Demo link*

Huruf Toon is an adaptive platform aiming to address the shortcomings of existing solutions by providing customized exercises for different types of dys disorders. During this project, we created several machine learning and deep learning algorithms and incorporated them into a Flask web application.

IFRS 9 Dashboard   *Demo link*

In this project, we developed a dashboard that could be used by financial institutions, to monitor loans using the IFRS 9 Standard. Using SSIS, we cleaned the data, made the required transformations and then loaded it into a Data warehouse. After that, we created a SSAS cube which we used as our data source in Power BI. We finally created a secure web application using Spring Boot for backend development and Angular for the frontend to deploy our dashboard.

Find The Mole   *Demo link*

Find the mole is a real time chat based game. The game was developed using .NET8 for the backend and Angular 17 for the frontend. SignalR was used for real time synchronization and message exchange between the players.

Education

ESPRIT   *Sept 2022 – Present*
Engineering Degree in Computer Science

Gained expertise in programming (C++, Java, Python), software development, and algorithm design. Learned the fundamentals of computer networks, cybersecurity, and operating systems. The degree also covers web development, cloud computing, and DevOps enabling me to develop problem-solving abilities, knowledge of machine learning, AI, and software engineering principles like Agile.

IHEC Carthage   *Sept 2019 – June 2022*
Bachelor's Degree in Business Intelligence

Graduated with honors, acquiring a strong foundation in database management, data preprocessing and transformation using tools such as SSIS and SSAS and data visualization with tools like Power BI.

Skills

Languages: C++, C#, Java, JavaScript, PHP, Python, R

Frameworks & Libraries: Angular, .NET, Spring Boot, Flask, Symfony

Business Intelligence (BI): SSIS, SSAS, Power BI

Database Systems: MySQL, PostgreSQL, MongoDB, SQL Server, Oracle, SQLite