

FEDI BELLAKHEL

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Date of Birth: 06/08/2002

Summary

A highly motivated and enthusiastic Computer Science student with a passion for acquiring new skills and knowledge. Strong team player with excellent analytical abilities, adept at multitasking and time management. Committed to continuous professional and personal growth. Currently seeking a summer internship to further develop my expertise.

Education

Higher Institute of Information and Communication Technologies (ISTIC)

2022 – Present

Diploma in Software Engineering

Experiences

Centre National de l'Informatique

Summer 2024

Web3 Development Intern

- Developed a voting Dapp using React, JavaScript, Solidity, truffle, Ganache, Vite, Pinata, and MetaMask.
- Gained hands-on experience with blockchain technologies, including Solidity, truffle, Hardhat, and Ganache.
- Integrated Pinata for IPFS file storage and utilized web3.js for interacting with smart contracts.

Skills

Languages: Python, R, C, HTML, CSS, JavaScript, TypeScript, Solidity, SQL, Java, PHP, JSP

Technologies: React, Hardhat, Ganache, Pinata, ethers.js, Angular, Next, Wildfly, Flask, TailwindCSS, Bootstrap, Oracle, MySQL, JEE, Microsoft Power BI, machine learning, NLP

Others: Command Line Tools, Package Managers, Git & GitHub, Creating User Stories, Sprint Planning and Execution, Agile Methodologies, ISTQB QA, Google Design Sprint

Interpersonal Skills: Team Collaboration, Effective Communication, Time Management, Problem Solving, Critical Thinking, Adaptability

Projects

Votini **2024**

- Developed a decentralized Dapp for Voting. Integrated with Pinata for IPFS storage and used Solidity for smart contract development.

Rissala

- Developed a newsletter website featuring JWT and CRUD elements.

Text Classification with Flair

- Trained a text classification model using common machine learning libraries such as TensorFlow, Flair, NumPy, and Pandas.

JEE

- Developed a JEE newsletter site using MySQL as the database server, integrating JSP, Entity Manager, and other key technologies such as servlets and Hibernate.

Search Engine using Python and Indexing Methods

- Developed a search engine using Python, incorporating advanced indexing methods. This project involved designing and implementing efficient algorithms for web content crawling and indexing.

Data Warehouse Integration using Pentaho and Microsoft Power BI

- Utilized Pentaho's ETL capabilities to extract, transform, and load data from various sources into a centralized data warehouse.

Languages

Arabic: Native proficiency

French: Full professional proficiency

English: Professional working proficiency