

Amine Braham

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EDUCATION

Mediterranean Institute of Technology - SMU

Software Engineering Program

Tunis, Tunisia

Sept. 2022 – Present

University of South Dakota

Thomas Jefferson Scholarship Program

South Dakota, USA

Aug. 2021 – May 2022

ISSAT Sousse

Pre-Engineering Preparatory Cycle

Sousse, Tunisia

Sept. 2019 – May 2021

EXPERIENCE

R&D Developer

TeamDev - Part-time

Sept 2022 – Present

Sousse, Tunisia

- Developed a REST API using Flask to extract image data through image processing and OCR.
- Explored ways to handle image processing under different conditions.
- Created a Docker container for the Flask server in order to easily deploy the solution.

Web/Game Dev Freelancer

Fiverr/Upwork

June. 2021 – Present

Online

- Automated data scraping and workflows for increased productivity.
- Created an automatically-updated website to continuously track players' progress in an easily accessible interface.
- Implemented frameworks to better monitor and analyze player behaviour leading to customer-oriented design decisions.

Full-Stack Developer

TeamDev - Intern

July 2022 – Aug 2022

Sousse, Tunisia

- Designed and implemented an employee management system.
- Ensured authentication security with the implementation of JWT and OAuth.
- Documented the project and provided support for new features.

Artificial Intelligence Research Assistant

University of South Dakota

Jan 2022 – May 2022

South Dakota, USA

- Researched text classification and approaches to detecting online toxicity.
- Cleaned and pre-processed data using Pandas and Numpy to use for model training.
- Trained models for text classification and accurately measured performance to determine the optimal approach.

PROJECTS

M33T - Discord Bot | Javascript, DiscordJS

June 2021 – July 2021

- Designed and implemented a Discord bot that regulates work meetings, thus guarantying a steady and easy work flow and making communication more fluid
- Utilized the Discord JS API to create a queue of users who raise their hand to talk and only allow one speaker at once.

Unbeatable TicTacToe | Flask, Python, React, Javascript

June 2022 – July 2022

- Built a responsive TicTacToe game using React as a front-end.
- Created a bot for the game using a REST API and implementing an undefeatable algorithm.

Esports Web Scraper | Flask, Python, BeautifulSoup, Selenium

July 2021 – Aug 2021

- Created a web-scraper that retrieved e-sport match information and served them through a REST API.
- Bypassed normal lazy-loading obstacles in web-scraping by implementing a headless browser.

TECHNICAL SKILLS

Languages: Python, Javascript, Typescript, C/C++, SQL, HTML/CSS, Java

Frameworks: React, NextJs, Angular, Node.js, Express, NestJs, Tailwind, Flask

Developer Tools: Git, Docker, VS Code, Visual Studio