

ABDERRAHMANE TIAMANI

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EDUCATION

University of the People

Pasadena, CA

Bachelor's degree in Computer Science.

Apr 2023

- **Relevant Coursework:** Software Engineering, Data Structures & Algorithms, Data Mining and Machine Learning, Web Programming, Mobile Applications, Computer Systems.

EXPERIENCE

Frontend Simplified | [Certificate](#) | [Website](#) | [GitHub](#)

Jan – Apr 2023

Virtual Frontend Developer Intern

- **Enhanced** website **UX** by implementing **dynamic** animations and transitions, resulting in a 30% improvement in user satisfaction; **Optimized** the **loading** time by 20% through efficient **API** requests using Axios and **collaborated** with virtual team through **Git**-based collaboration tools.

SOFTWARE PROJECT EXPERIENCE

Review My Project (RMP)

[Website](#) | [GitHub](#)

- Implemented essential **CRUD** functionalities, user **authentication** mechanisms, and interactive features such as **liking** and **commenting**, **enhancing** user experience.
- Employed rigorous **testing** methodologies and **optimized** website performance by incorporating **caching**, **compression**, optimizing database queries, and utilizing **Cloudinary** for **efficient** media management to **accelerate** website speed, and **optimize** database storage by **minimizing** data size, and achieving a 98% **decrease** in loading times and **enhancing** overall user satisfaction.

Fake-shop

[Website](#) | [GitHub](#)

- Developed a **responsive** eCommerce platform using React.js, **seamlessly** integrating the Fake Store API to showcase real-time product listings, featuring **dynamic** pagination and a **user-friendly** interface for enhanced shopping experiences.
- Implemented essential functionalities, including a dedicated cart system, and efficient state management techniques, ensuring optimal performance, scalability, and customer engagement on the platform.

Snake Game

[GitHub](#)

- Created a classic Snake game enriched with vibrant graphics, intuitive controls, and dynamic animations to captivate players competitive edge, enabling them to engage in a thrilling race against an AI snake to consume apples and expand their length.
- Developed sophisticated **AI algorithms** to control the movements of the opponent snake, offering players an adaptive and challenging gaming experience.
- Utilized efficient coding practices and **object-oriented** programming concepts to implement core game mechanics and a **scalable** and **maintainable** codebase, facilitating **future updates** and enhancements.

SKILLS

Programming: HTML5, CSS3, JavaScript, Node.js, Python, React, Next, Express, REST API.

Tools: Postman, Jest, Redux, Material-UI, Tailwind CSS, MongoDB, Kivy, Pygame, NPM, Git.