

# ABDERRAHMANE TIAMANI

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## EDUCATION

### University of the People

Bachelor's degree in Computer Science.

Apr 2023

Pasadena, CA

#### – Relevant Coursework

- Software Engineering
- Data Structures
- Web Programming,
- Mobile Applications
- Computer Systems
- Discrete Mathematics

## EXPERIENCE

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

Jan – Apr 2023

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 interactivity and 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.

### Pong Game

[GitHub](#)

- Engineered a Python-based Pong game utilizing Kivy **framework**, incorporating an **AI** opponent, showcasing **proficiency** in game development and artificial intelligence.
- Utilized **object-oriented programming** principles and event-driven architecture, resulting in an **interactive** design for the gameplay mechanics, **user-friendly interfaces**, ensuring an engaging gaming experience for users of all skill levels.

## SKILLS

- **Languages:** HTML5–CSS3–JavaScript–Node.js–Python.
- **Frameworks:** React–Redux–Next.js–Material-UI–Tailwind CSS–Express– MongoDB–Kivy.
- **Testing and APIs:** Postman–REST API–Jest.
- **Development Tools and Version Control:** NPM–Git–Yarn.
- **Soft Skills:** Communication–Teamwork–Problem-solving–Adaptability/Flexibility