

# Marvin Libam

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Looking for a software development internship from February 2023 to July 2023

## SKILLS

### Coding skills

*React, HTML, CSS, Bootstrap, JavaScript, TypeScript, React native, Android studio, C#, .Net, SQL, PostgreSQL, C++, C, Git, Python, Flask, Node, Vue.js*

### Other skills

*Communicative, Team player, Creative, Detail oriented, Curious*

### Languages

*French, English*

## EDUCATION

**Epita** • Kremlin-bicêtre, France

*Masters in Computer Engineering* • June 2023 (Anticipated Graduation Date)

- Specialization in frontend development.

**Mahidol University** • Bangkok, Thailand

*Study abroad semester* • January – March 2020

## EXPERIENCE

**SNCF Réseau** • Paris, France

*Software Engineer Intern* • September 2021 – January 2022

*Application used to simulate the propagation of current through a user configurable track circuit.*

- Collaborated with internship manager and chief of service to put in place the project's specifications.
- Utilized my coding skills and knowledge to redesign the user interface and implement it.
- Work cogently with internship manager to allow configuration of the reception part of the circuit as well as taking it into account for the current propagation calculations.
- Utilized my writing skills to put in place a comprehensive and complete documentation, allowing future development of the project.
- Successfully updated the practices of the coding team and put in place a version control tool for the whole team.

## PROJECTS

**VoyageVoyage** • React Native

*A mobile social media app centered around travels*

- Designed and implemented a modern interface.
- Learned how to effectively managed app state using redux.
- Utilized libraries as well as building optimized custom components and hooks to fit the app's design and functionality.
- Effectively communicated and retrieved information from the backend.

**Not Wordle** • React

*A Wordle clone*

- Properly recreated the feel and functionality of the original application.
- Created custom components and used libraries to achieve the desired result.
- Separated the game's logic from the visuals by creating a custom game hook.
- Utilized CSS functionalities to produce a fully responsive, animated and aesthetic application.
- Assured the correct behavior of key functions with tests under the Jest testing framework.

**Pathfinding Visualizer** • React

*A 2D Pathfinding and maze generation app*

- Effectively put in place pathfinding and maze generation algorithms.
- Learned how to put in place an effective algorithm visualization using CSS.

**BMI Calculator** • React Native

*A mobile adult BMI Calculator app*

- Explored the neumorphism design and put in place animated components.