

F R O N T E N D   D E V E L O P E R

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# James Mitofsky

## Frontend Developer

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P O R T O F O L I O



# JAMES MITOFSKY

Frontend Developer



[hey@JamesMit.dev](mailto:hey@JamesMit.dev)

(+33) 7 68 34 47 33

[/JamesMitofsky](https://github.com/JamesMitofsky)

## SKILLS

TypeScript

React.js

Material UI

Next.js

GraphQL

TypeORM

## DISTINCTIONS

Pépite France: National Student-Entrepreneur

## EDUCATION

CESI Engineering School

2023–2024

- Computer Science

University of Caen

2022–2023

- French studies (DUEF)

University of Vermont

2018–2022

- Political Science

Professional Development

2023–Present

- Just JavaScript (Dan Abramov)
- Advanced React (Bob Ziroll)
- The Design of Everyday Things

## LANGUAGES

Native

Bi-lingual – C2

## PROFESSIONAL OBJECTIVE

I deliver products founded on organized and well documented code. Passionate about collective learning, I thrive in team settings, and I'm likewise happy digging into problems and sharing out with others. I'm excited to contribute to impactful missions.

## WORK EXPERIENCE

Frontend Developer | Elips Solution

Dec 2023-Present

- Tech: TypeScript, React, Next.js Material UI, GraphQL, TypeORM
- Tools: Visual Studio, Github, Docker, Storybook, npm registries
- Develop a scalable product through the use of modularized code for Elips's principal web-application, Suite.
- Worked in a cross-functional team of 6 engineers to design and build accounting tools.
- Iterated 20+ mockups with Product Management, contributing to the writing of a functional specification before entering the development phase.
- Maintain and enhance existing products.
- Translated 12 complex UI/UX wireframes into production-ready code.

Frontend Developer | Grinto

June 2023–Nov 2023

- Tech: TypeScript, React Native, JavaScript, Nuxt, PHP
- Tools: Visual Studio, Github
- Design mockups to help align the eventual products with customer vision.
- Led the overhaul of a critical React Native project, greatly reducing the frequency of application crashes through the adoption of TypeScript.

Frontend Developer | Elitt

Jan 2023–May 2023

- Tech: TypeScript, React, Material UI, REST API
- Tools: Visual Studio, Github, Storybook
- Successfully introduced Storybook, reducing component duplication.
- Served as the lead developer to maintain and debug an existing internal project for credit card security researchers.

Frontend Developer | BTV.dev

January 2021–December 2022

- Tech: JavaScript, React, Material UI, Firebase, Google Analytics
- Designed, developed, and maintained 8+ statically generated websites for local businesses and non-profits.

## VOLUNTEER EXPERIENCE

Humanitarian Aid Worker | The Red Cross

May 2024–Present

Provide drinks, food, and clothing to refugees and the homeless.

Director of Education | EVC National

May 2021–May 2022

Served as a data specialist, coordinating 69 university campuses.

## INTERESTS

- Marathons, rock climbing, snowboarding, & breathing fresh air
- Reading (Herman Hesse & John Steinbeck are my favorite authors)
- Cooking (I'm on a long journey to make great pizza)



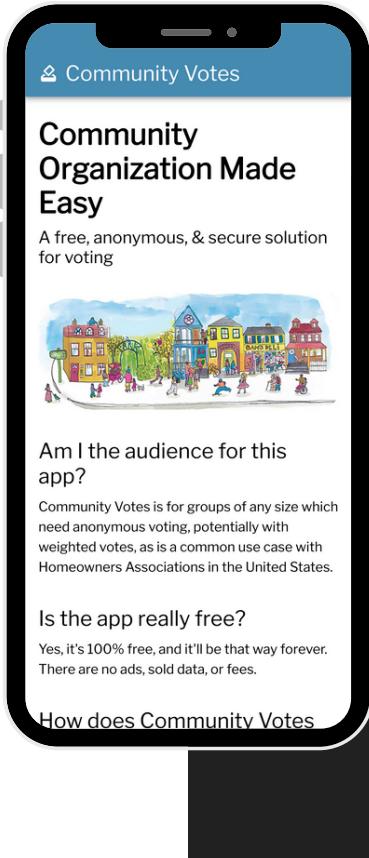
# About Me

*James Mitofsky*

Building apps that feel alive and deliver great UX is what I love, and it's all the more fun when I can mix French into my work.

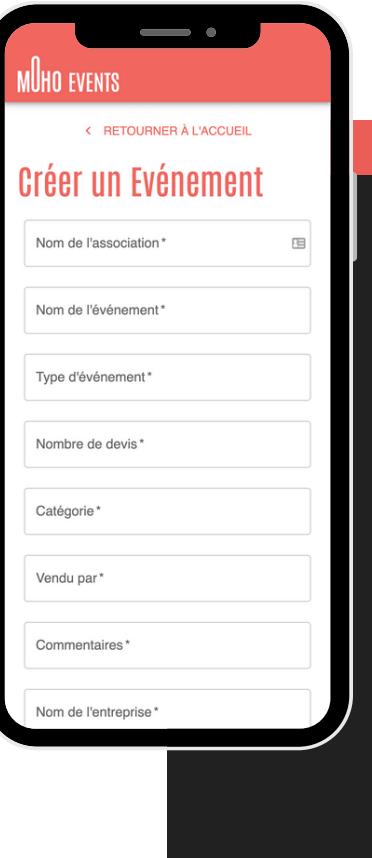
I'm interested in music, the environment, and behavioral economics. I go for runs to explore the world around me, and I've got side-projects galore.

# Recent Projects



## Community Votes

- React.js
- React Router
- Material UI
- REST API



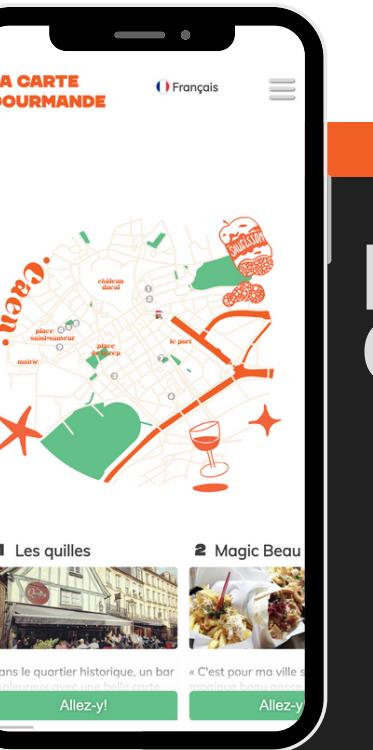
## Moho Events

- TypeScript
- Next.js
- Material UI
- React Hook Form
- Firebase



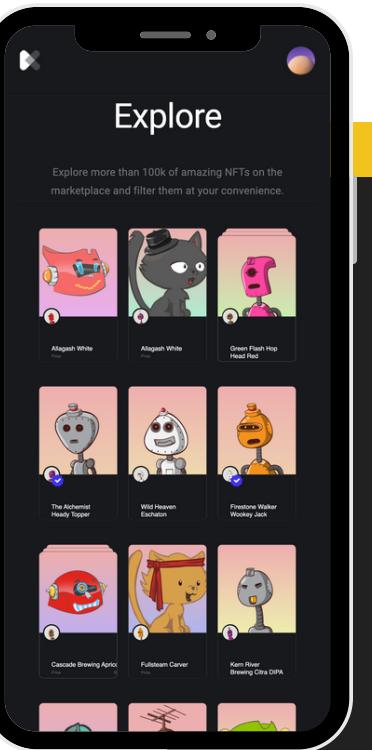
## Moho Access

- React.js
- Next.js
- Material UI
- Firebase



## La Carte Gourmande

- JAMstack
- Eleventy.js
- UX Interviews
- CSS

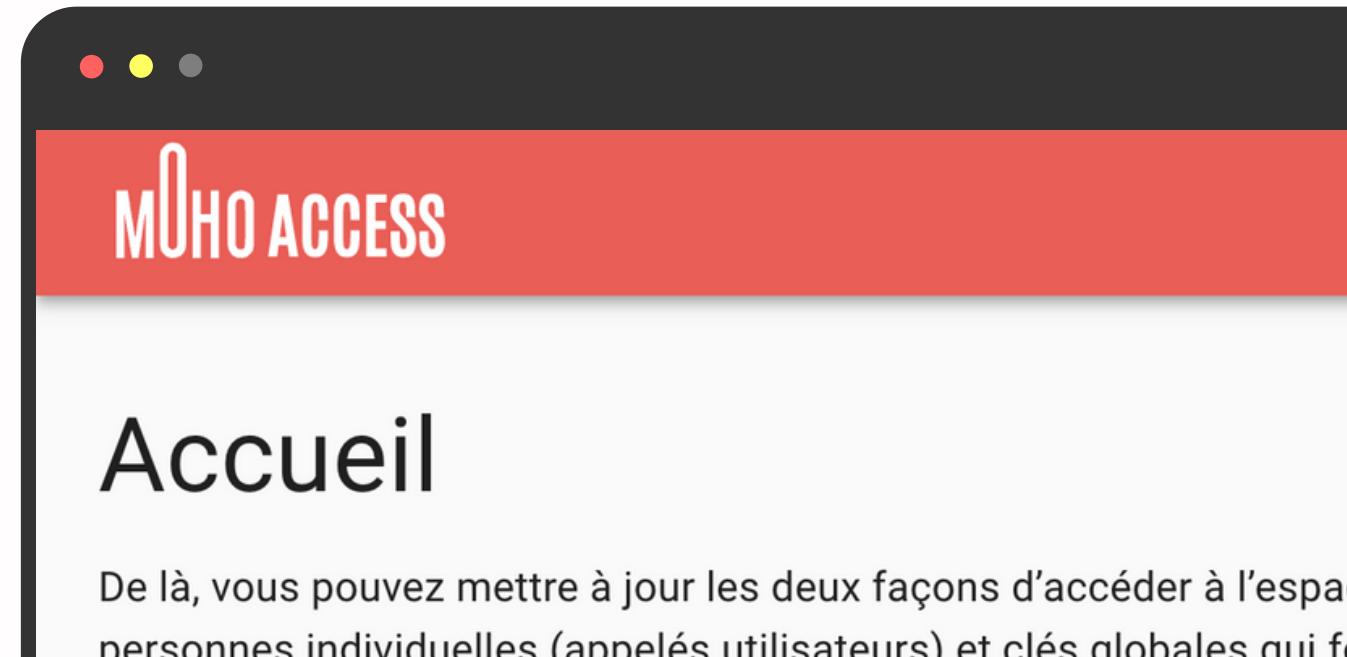


## Design Challenge

- TypeScript
- React.js
- Material UI
- REST API

# Moho Access

 Source



## Accueil

De là, vous pouvez mettre à jour les deux façons d'accéder à l'espace personnes individuelles (appelés utilisateurs) et clés globales qui fonctionne comme un chèque en blanc pour toute personne qui connaît le code.

## Les Utilisateurs

Ici, vous pouvez autoriser les personnes qui se sont inscrites (elles doivent visiter la page d'inscription) et mettre à jour l'accès des personnes existantes.

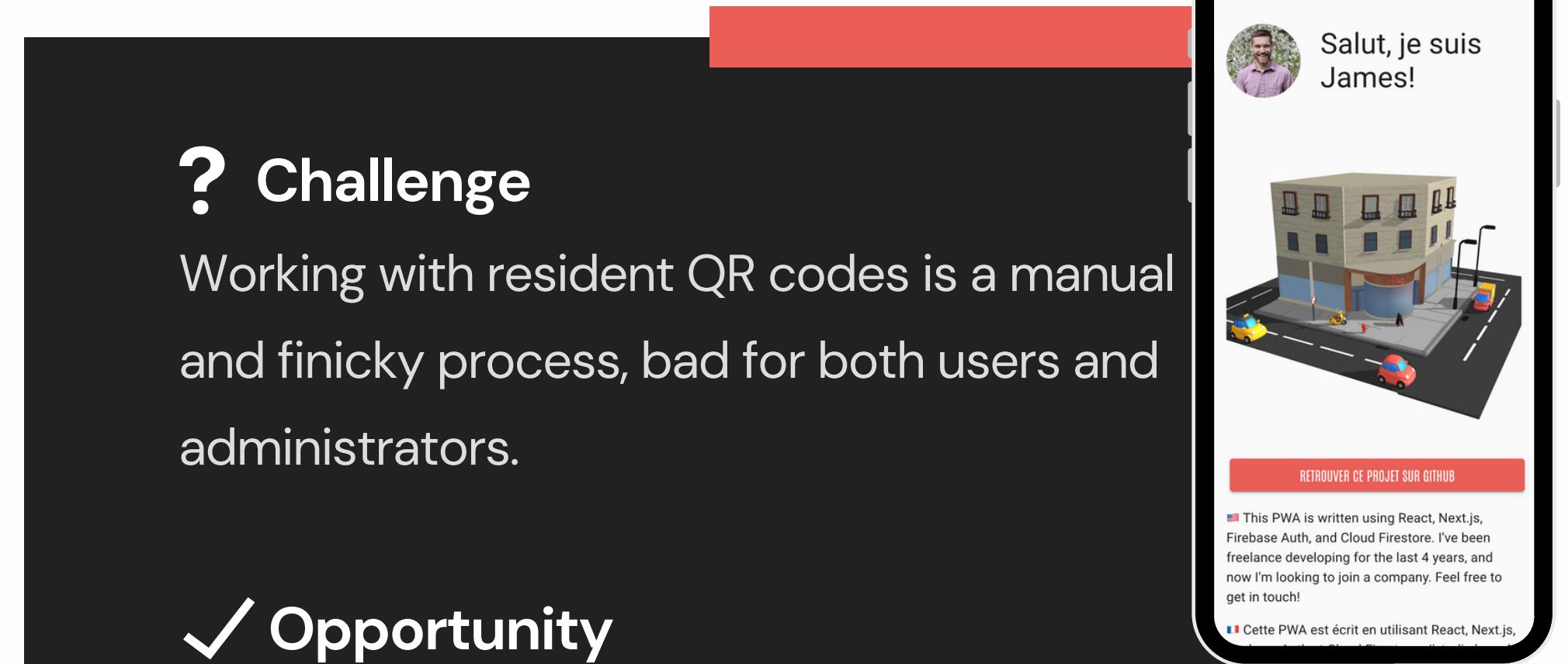
## ? Challenge

Working with resident QR codes is a manual and finicky process, bad for both users and administrators.

## ✓ Opportunity

Improve convenience and security by moving the QR code to a web-app with SSO authentication.

</> React, Material UI, Firebase Auth, Cloud Firestore, Next.js



M O H O   A C C E S S

# Community Votes

 Source



## ? Challenge

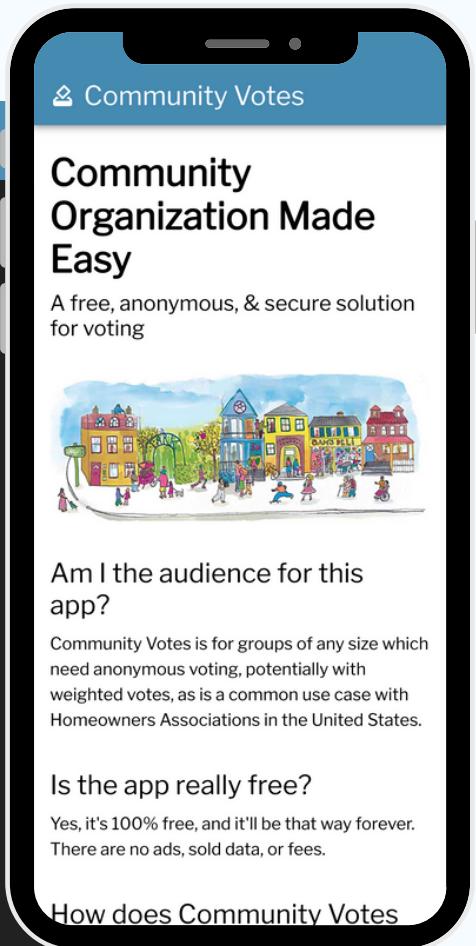
There are no free solutions for a transparent voting system which handles unequally weighted votes.

## ✓ Opportunity

An app to handle both the security and weighting, released as a free-forever tool.

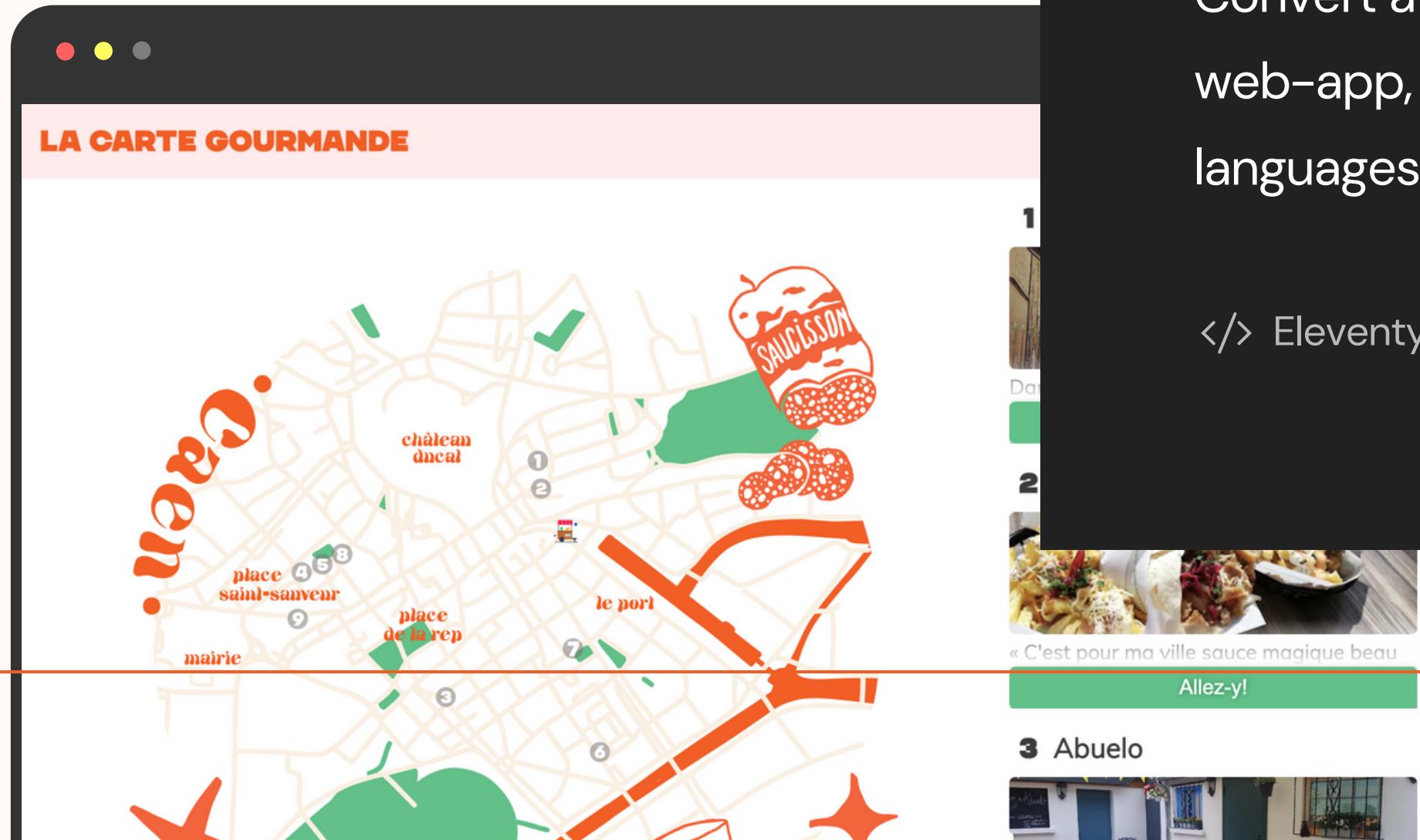
</> React, Material UI, Custom REST API, Team Development

COMMUNITY VOTES



# La Carte Gourmande

 Source



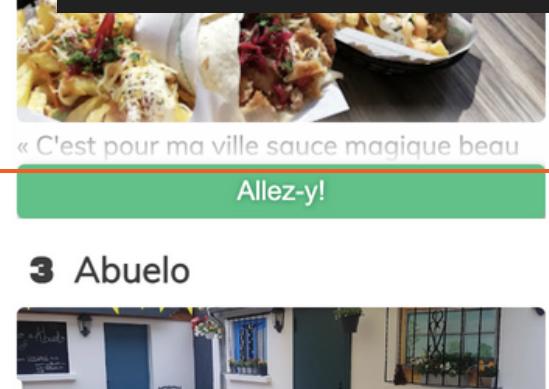
## ? Challenge

Local restaurants wanted to increase their visibility for tourists by creating a map of ten highly recommended stops in the city.

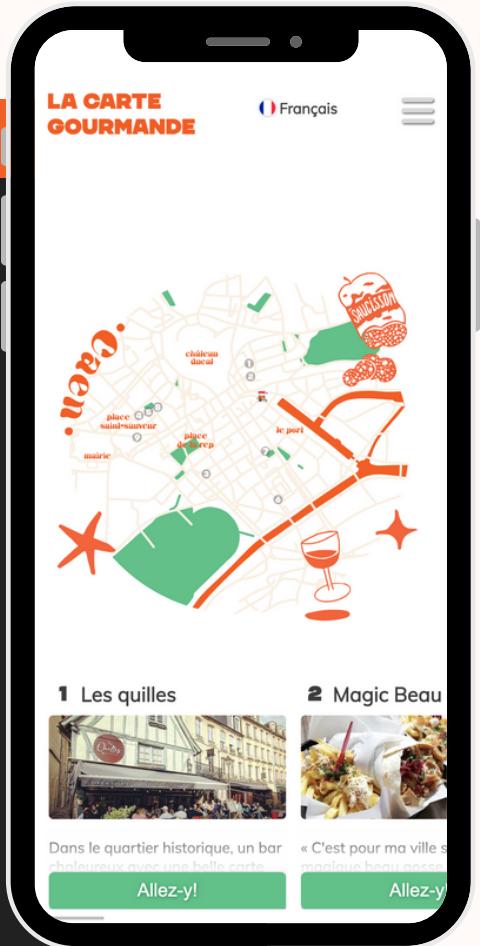
## ✓ Opportunity

Convert a physical map into an interactive web-app, translating the content into 3 languages with native-speaking autho wit

</> Eleventy.js, JavaScript, SVGs, CSS

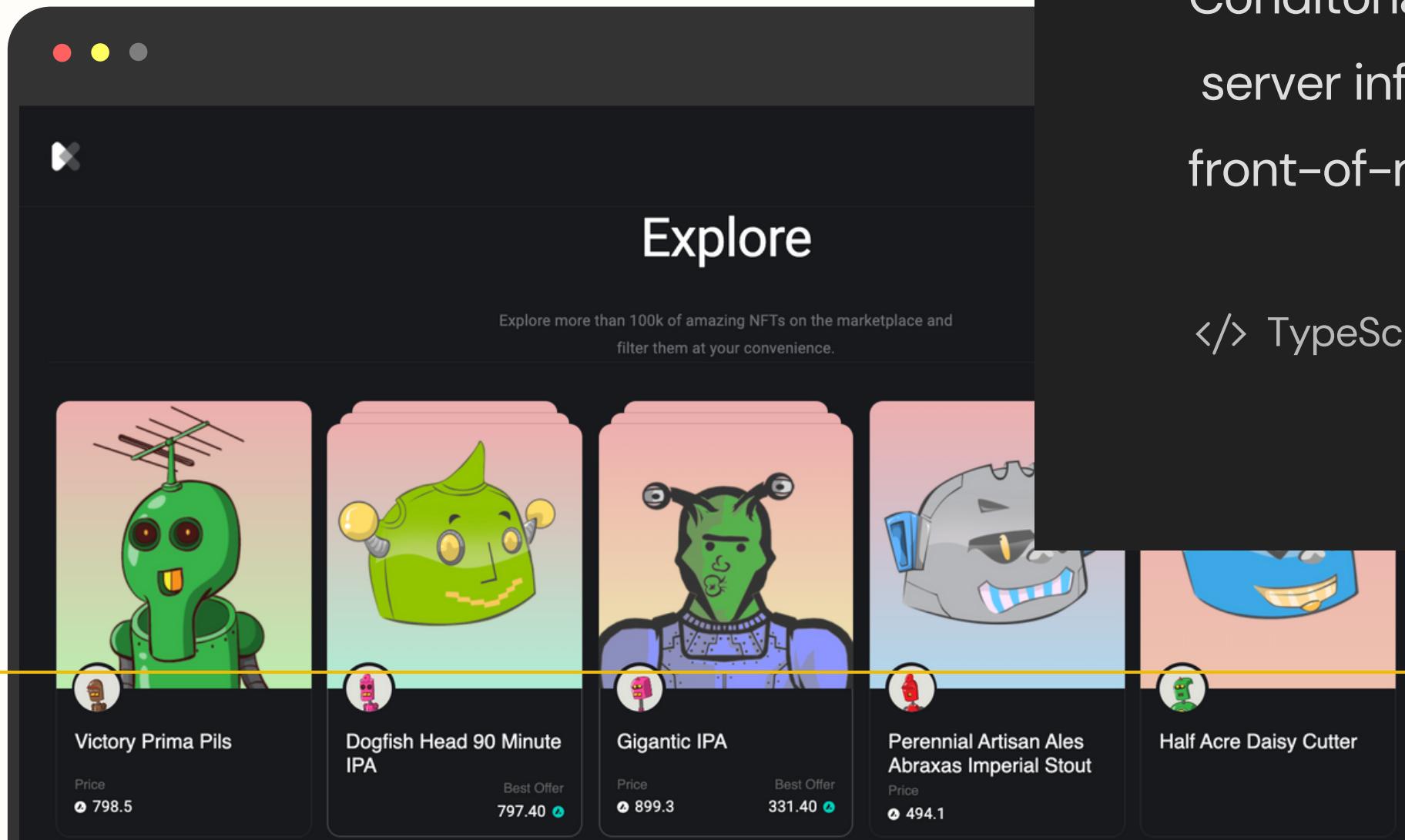


L A C A R T E G O U R M A N D E



# Design Challenge

 Source



## ? Challenge

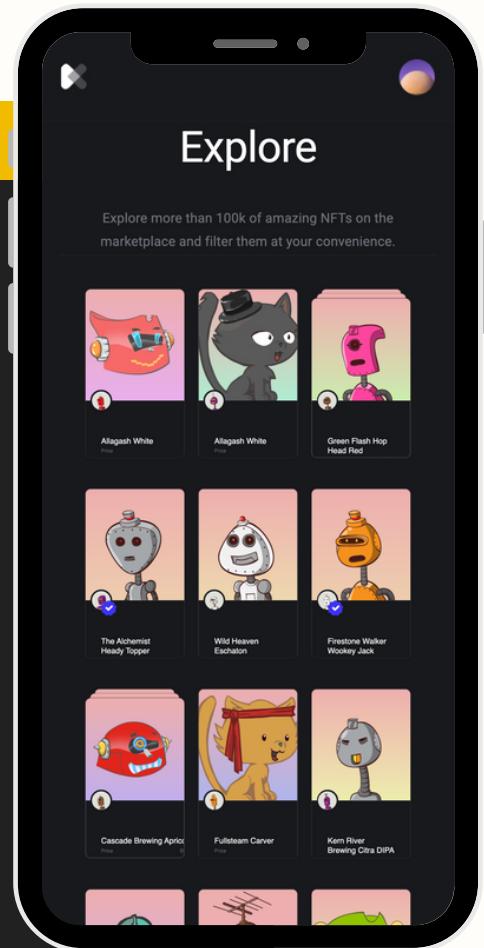
There was a mockup created by a designer which needed to be implemented dynamically depending on server data.

## ✓ Opportunity

Conditionally render components based on server information, keeping maintainability front-of-mind while creating the code base.

</> TypeScript, React, Material UI, REST API

D E S I G N   C H A L L E N G E



# UVM Votes

 Source



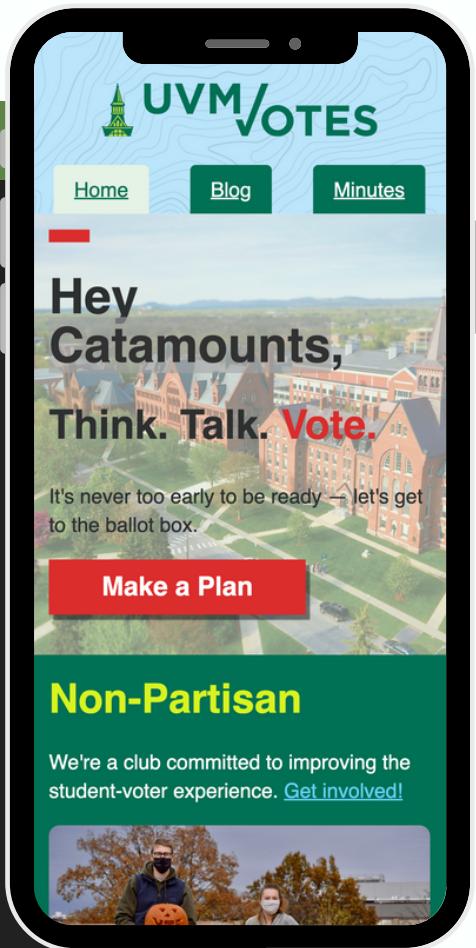
## ? Challenge

College students face barriers to voting in public elections but lack support and information to overcome these problems.

## ✓ Opportunity

A JAMstack website to render content from a custom CMS on a site which points to the most important information.

</> JavaScript, CSS, Nunjucks, Eleventy.js



U V M   V O T E S

# Moho Events

 Source



The smartphone screen shows the 'Créer un Evénement' (Create Event) page. At the top is a red header bar with the 'MOHO EVENTS' logo. Below it is a white form area with several input fields:

- Nom de l'association\*
- Nom de l'événement\* (highlighted with a red border)
- Type d'événement\*

At the bottom right of the phone screen is the 'MOHO EVENTS' logo.

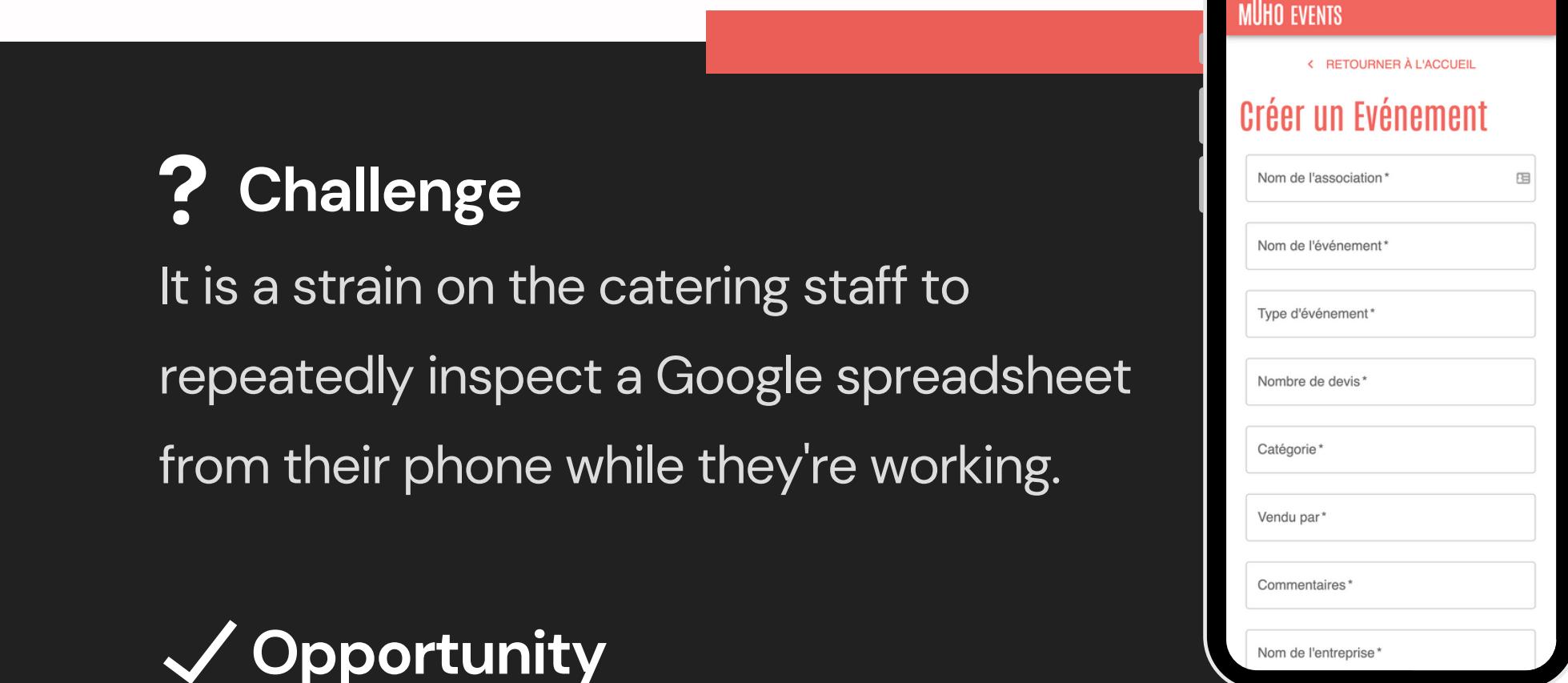
## ? Challenge

It is a strain on the catering staff to repeatedly inspect a Google spreadsheet from their phone while they're working.

## ✓ Opportunity

Reduce the complexity of completed event schedules to increase the efficiency of the catering staff.

</> TypeScript, Next.js, Material UI, Firebase Auth, Cloud Firestore, Google Cloud Functions



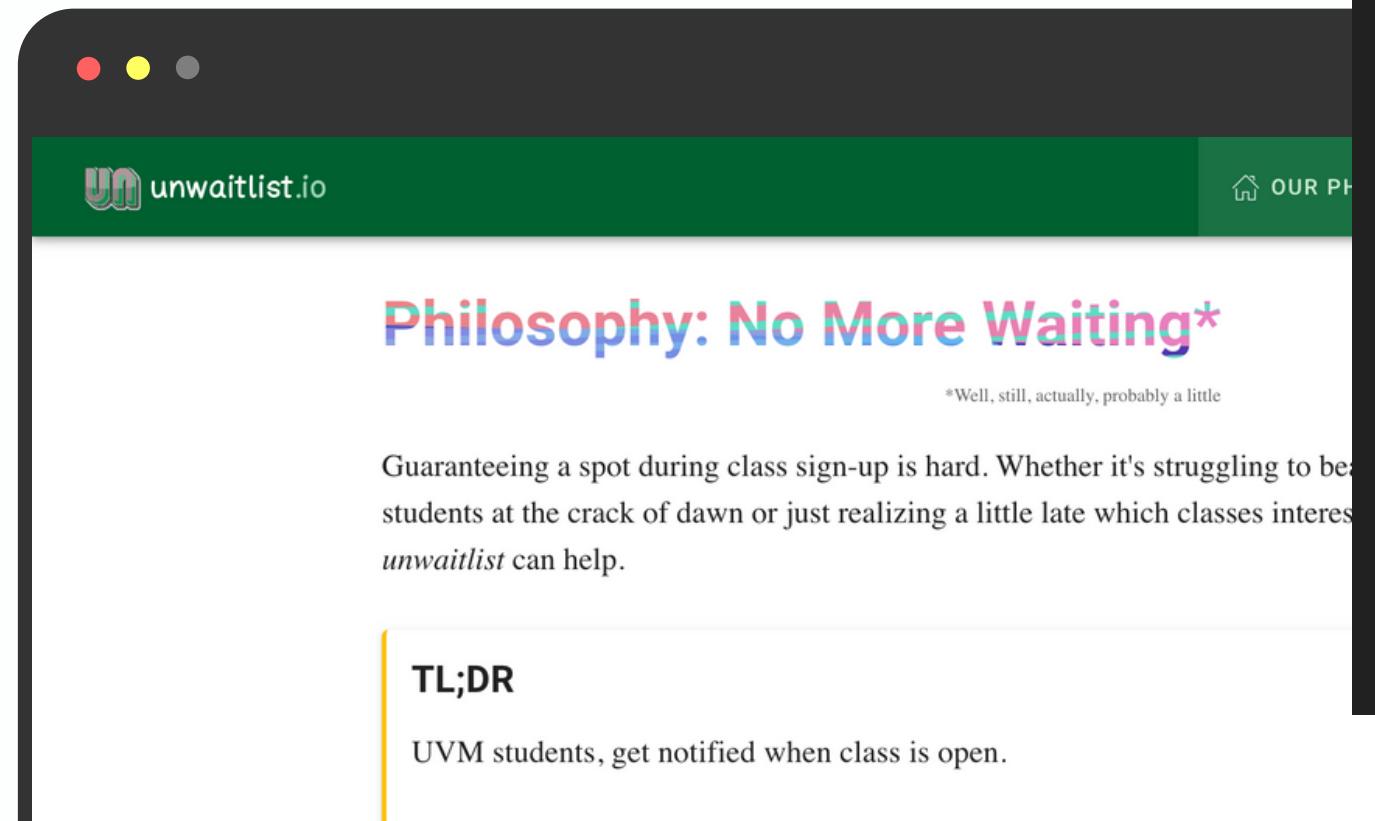
The mobile phone screen shows the 'Créer un Evénement' (Create Event) form. At the top is a red header bar with the 'MOHO EVENTS' logo and a 'RETOURNER À L'ACCUEIL' (Return to Home) button. Below it is a white form area with several input fields:

- Nom de l'association\*
- Nom de l'événement\*
- Type d'événement\*
- Nombre de devis\*
- Catégorie\*
- Vendu par\*
- Commentaires\*
- Nom de l'entreprise\*

MOHO EVENTS

# Unwaitlist.io

 Source



## ? Challenge

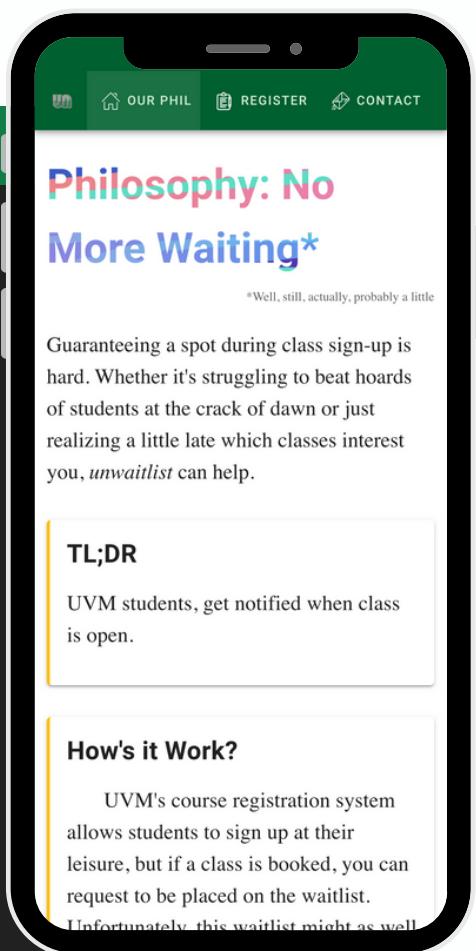
It was difficult to know when there was a spot open during class registration. The school's "waitlist" wasn't actually real.

## ✓ Opportunity

Poll the university's course registration database every 5 minutes, texting students when their desired class had an opening.

</> Vue, Nuxt.js, Azure Functions, Google Sheets SDK, Gmail SDK

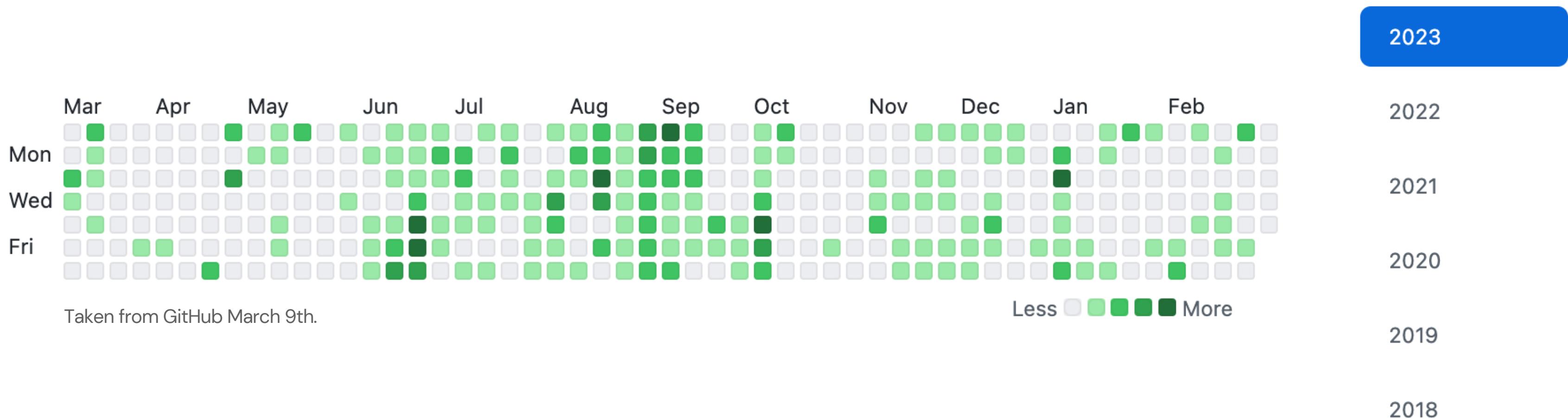
UNWAITLIST.IO



# Coding Frequency

**1,483 commits during the last year.**

Without including those done at work.





Let's *build stuff*

✉️ JamesMitofsky@gmail.com

📞 +33 7 68 34 47 33

💻 [github.com/JamesMitofsky](https://github.com/JamesMitofsky)