PIERO MADDALENI

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EXPERIENCE/PROJECTS

Amtraker, Project — *Developer*

OCT 2021 - PRESENT

Full stack, open source, and free Amtrak train tracker built using React, Vite, React Router, and Maplibre on the frontend and the Bun JS runtime on the backend. Currently has 46k MAU making 2.84M API calls.

Transitstatus, Project — *Developer*

OCT 2021 - PRESENT

Open source and free transit tracker built using React, Vite, React Router, and Maplibre for cities like Chicago and New Brunswick. Currently has ~20k MAU and fetches data from a custom api (Store, mentioned below).

Store, Project — *Developer*

OCT 2021 - PRESENT

Open source and free general purpose api for serving ephemeral data (such as GTFS-RT) using the Fastify framework on the Node.js Javascript runtime. Serves 2.86M requests per month with a capacity of 30,000 req/s.

GTFS Schedule Data, Project — *Developer*

OCT 2021 - PRESENT

Tool built to extract GTFS data from various feeds in a form readable by Store (mentioned above) and various other projects. Built in Node.js using standard libraries and csv-parse.

Replit Inc, Remote — *Community and Social Media Manager*

AUG 2020 - MARCH 2022

Managed public facing social media accounts and online communities while creating content, such as programming tutorials, and providing support to customers. Increased Twitter following from 13k followers to 42k followers and Tiktok following from 0 followers to 4.2k followers.

Cartoonsmart, Sandy Springs, GA— *Content Creation Intern*

AUG 2020 - MARCH 2022

Created programming tutorials for various languages, such as Javascript and Python, as part of an internship program at my High School.

LANGUAGES

Javascript, Typescript, Java, Python, HTML - All Proficient

LIBRARIES/FRAMEWORKS/TOOLS

React, Vite, Git, Figma, Next.js, Maplibre, Mapbox, Leaflet, React Router, React Native

EDUCATION

Riverwood International Charter School, Atlanta, GA — *High School Diploma and IB Certificate*

AUGUST 2017 - MAY 2021