

Flavio



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What I am

I am a rare combination of talent and commitment with an intuitive understanding of graphic visual communication and a propensity for creative problem-solving, forged in the crucibles of design and development for the past decade.

My highest principle is: Consider the broad ramifications of a concept even while developing the smallest detail.

What I do well

— DEVELOPMENT

React	████████████████████
D3.js	████████████████████
Node	████████████████████
Elasticsearch	████████████████████
GraphQL	████████████████████
JavaScript	████████████████████
HTML	████████████████████
SCSS/CSS	████████████████████
REST	████████████████████
Browser/Web API	████████████████████
OpenID Connect	████████████████████
Ubuntu Linux	██████████████████
Nginx	██████████████████
Docker	██████████████████
GCP/AWS/DO	██████████████████
Google Maps API	██████████████████
Mapbox	██████████████████

Work

04/2019 — PRESENT REMOTE

Senior Fullstack Developer Webshield

Web applications focused on customer identity proofing using Onfido's face recognition API.

OpenID Relying Party (OpenID Connect/OAuth 2.0 Client) implementation for Node.js

D3.js dashboard tracking COVID-19 via the COVID

Work

Tracking Project API.

06/2017 — 04/2019 REMOTE

Fullstack Developer Street Fighter

React/Node/D3.js web app consuming real-time data via web sockets. The problem solved was creating a responsive control system akin to controls used for online video games for fast agile trading.

React/NodeD3.js analytics app consuming Elasticsearch data for crypto exchange markets. The problem solved was the ability to filter 180 crypto pairings (BTC/USD) based on user-defined criteria.

09/2016 — 06/2017 SAN JOSE, UNITED STATES

Senior Frontend Developer Swim.ai

Built Google Map applications based on React's Flux patterns utilizing unidirectional IOT data flow.

Transformed customer operations by augmenting human decision-making, using the most accurate, relevant data possible from real-time and contextual data sources.

Projects included:

- San Francisco bus locations
- Palo Alto traffic light states
- Chicago transformer and meter locations and power consumption
- Boston automated street light control system

05/2015 — 09/2016 SAN FRANCISCO BAY AREA

Senior Web Application Developer Solar City

Angular/Django/D3.js data analytics dashboards platform for executive business insights and sales reports.

Angular/.NET Mobile web application for HR. Problem solved was a notifications app that would send required HR tasks to employees such as I-9 verification. The app was used by all employees.

04/2013 — 05/2015 SALT LAKE CITY, UNITED STATES

Frontend Developer Vivint Solar

Work

IPO 9/30/2014

Angular/Node/D3.js data analytics dashboards for executive business insights and sales reports.

Proposed and implemented changing of hard-coding of Elasticsearch queries to be saved in MongoDB as JSON removing the need for core applications to be redeployed

10/2011 — 05/2013 SALT LAKE CITY, UNITED STATES

Frontend Developer Attensity

Built social analytics and engagement applications for social customer relationship management using D3.js.

Created tools that enable organizations to engage more effectively with their customers by extracting facts, relationships, and sentiment from unstructured data social media data.

Clients included:

- Nike
- eBay
- Apple
- Relativity Media

Awards

Home House Project Southeastern Center for Contemporary Art

In 2003, an open competition for the best design drew 400 entries from the United States and six other countries. The project was sponsored by SECCA, the Southeastern Center for Contemporary Art. Twenty-five designs received an award of merit and my design, **The Suburban Loft**, was the first chosen for construction.

Two modified versions of the Suburban Loft were built in Cincinnati in 2007.

Book MIT Press:

<https://mitpress.mit.edu/books/home-house-project>

Drawings:

<https://www.coroflot.com/flavioespinoza/Suburban-Loft>

Article:

https://www.researchgate.net/figure/SECCA-HOME-House-winning-entry-as-modified-on-right-Courtesy-of-Kevin-LeMaster_fig2_277581293

01/1999

CSHCN Art Competition VCBO Architecture

Competition to design an art installation for the

Awards

Children With Special Health Care Needs clinic at the University of Utah.

Achievements

Environ Design 8 Conference

- Speaker — 2004

Scope-Hamptons International Contemporary Art Fair

- Panel Speaker — 2008

Education

09/1994 — 05/2000 SALT LAKE CITY, UNITED STATES

Architecture | Masters University of Utah