

TYLER MARAN

San Francisco, CA

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TECHNICAL SKILLS

Front-End: HTML | CSS | JavaScript | Three.js | D3 | React | Redux | Webpack | Babel | WebAssembly

Back-End: Node | Express | MongoDB | Mongoose | PostgreSQL | Sequelize | Lambda | Firebase

Dev-Ops: Amazon Web Services EC2 & S3 | Nginx | Docker | Redis Cache | Mocha / Chai | Jenkins

DEVELOPMENT

A full history of development experience is available at tylermaran.com, or through github.com/tylermaran. Below are a few recent examples of relevant applications:

CADL – Open Source CAD Library

August 2019 - Ongoing

Tech Stack: Three.js, React, Node, Express, MongoDB, Nginx, AWS EC2, AWS S3/Glacier

- Designed and built CADL as an open source library for CAD files. Users can style and edit their 3D models in browser, create instructions, and share their designs.
- CADL uses Three.js and a custom built file switcher to interpret and render a large variety of filetypes.
- Files are stored in AWS S3, and S3 Glacier to minimize storage costs on large / seldomly accessed files.

ClubFinder – Listing Platform for Country Clubs and Golf Clubs

Jan 2018 - July 2019

Tech Stack: React, Node, Express, MongoDB, Bcrypt, AWS EC2, AWS S3, Google Maps API

- Custom Content management system allows Club Managers to create, customize, and maintain their profiles.
- Scaled RESTful Node/Express backend architecture of photo component to support production-level traffic.
- Horizontally scaled and load balanced with Nginx, using Redis Cache to improve image loading.

Outspoke.io – B2B Listing platform in Cannibus industry

May 2019 – June 2019

Tech Stack: React, Node, Express, SQL, PHP, AWS EC2, Google Maps API

- Implemented a product listing service and helped transition from PHP static server to a Node/React environment.
- Developed search platform to query, filter, and display products. Used Google Maps API for location based searching.

NON-PROFIT

Treasurer – NoiseBridge; San Francisco, California

May 2019 – Present

NoiseBridge is a 501(c)(3) non-profit facility that provides tools, equipment, and classes on everything from Network Security to Sewing. In operation since 2009 and entirely donation supported, NoiseBridge offers a 5,200sqft facility featuring Woodworking, Metal Working, 3D Printing, Laser Cutting, Electronics lab, Game Development, and more.

- Manage donations from a multitude of channels, and prepare detailed reporting for ~\$200k of annual revenue.
- Engage with corporations and local governments pursuing grants and fiscal sponsorships.
- Organize fundraising activities, including: Hackathons, concerts, and guest speakers.

PRIOR EXPERIENCE

CIBC, US; Atlanta, Georgia

December 2015 – August 2018

Senior Analyst

- Supported a loan portfolio of over \$200mln in committed capital to middle-market companies across all industry sectors, typically with \$5-\$25mln in EBITDA.
- Underwrote loan requests (average \$5-\$20mln), renewals, and amendments; and participated in loan presentations to credit approval committee.
- Performed financial modeling and analysis under a broad range of scenarios to evaluate transactions involving leveraged buyouts, dividends, mergers and acquisitions, recapitalizations, and any financial sponsor transaction.
- Directed loan closing activities and worked with legal counsel to negotiate loan documents.

EDUCATION

CFA Level II Candidate

June 2020

Chartered Financial Analyst designation (investment management)

Georgia Institute of Technology; Atlanta, Georgia

August 2017 - May 2018

Professional certification Software Engineering

Georgia State University; Atlanta, Georgia

Graduated December 2015

Bachelor of Science in Economics

Cumulative GPA: 3.5