

# TYLER MARAN

San Francisco, CA

(678) 231-9992 | [tyler.maran@gmail.com](mailto:tyler.maran@gmail.com) | [tylermaran.com](http://tylermaran.com)

## 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

## DEVELOPMENT

---

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

**CADL** – Open Source CAD Library

August 2018 - 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 HackerSpace

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

2015 – 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 2018 - May 2018

*Professional certification Software Engineering*

**Georgia State University;** Atlanta, Georgia

Graduated December 2016

*Bachelor of Science in Economics*

*Cumulative GPA: 3.5*