



ROBERT TAUSSIG · Software Developer

JavaScript/TypeScript · SQL (MySQL) · HTML/CSS · Git · Bash · Rust (Learning) · Python (Beginner)

Experience

Software Engineer · Bank of America Merrill Lynch · 2018 - Present

- Developing internal applications for day traders, using React, TypeScript and OpenFin (a fork of Electron with a focus on FinTech).
- Spearheaded team effort to build out code/process documentation before onboarding global teams to join project.
- Identified critical performance ceiling of initial spreadsheet library. Rewrote implementation layer without impacting API to utilize [AG-Grid](#). Performance threshold increased from 200 rows of data to unbounded (memory permitting).

Software Engineer · LawTrades · 2016 - 2018

- Sole developer of message-based platform, using React/Redux and Node.js/Socket.io, with 10,000+ users.
- Redesigned production database, writing migration scripts for hundreds of tables and 150k+ rows, eliminated data redundancy and optimized the indexing strategy for significantly faster insert/update/lookup.
- Replaced manual deployment process with deployment scripts, including routine, archived backups, cache-busting, continuous integration, and rollbacks.

Solo Practitioner of Law · The Robert Taussig Law Firm · 2015 - 2016

General Counsel · MultiStrat Re Ltd. · 2012 - 2015

Projects

React useWebSocket ([npm](#) / [Git](#)) · React hook to manage websocket connections

- Created and maintaining library with 800 weekly downloads.

AnonymousChat ([Live](#) / [Git](#)) · Group chat with user commands, plugins, and games

- Blackjack, chess, (group) rock-paper-scissors, and message encryption.

Chess ([Live](#) / [Git](#) / [UI](#)) · HTML Canvas chess interface with engine written in Rust

- Node backend caches previous move computations and stores results in MySQL database. New board positions are fed through a custom-built engine.

Education

App Academy · 2016

Boston College Law School · Juris Doctor · 2009 - 2012

Hamilton College · Bachelor of Arts in Chinese with honors · 2005 - 2009