



# ROBERT TAUSSIG · Software Developer

**Expert:** React · JavaScript/TypeScript · Node · HTML/CSS · Git · Bash · SQL (MySQL)

**Proficient:** Rust · Python · Ruby

## Experience

**Programmer** · Vice President, Bank of America Merrill Lynch · 2018 - Present

- Developed internal applications for day traders, using React and TypeScript
- Identified critical performance ceiling of initial spreadsheet library. Rewrote implementation layer with minimal impact on consuming components. Performance threshold increased from 200 rows of data to unbounded.

**Full-Stack Developer** · LawTrades · 2016 - 2018

- Sole developer of message-based legal platform, using React and Node.js/Socket.io, with 10,000+ users.
- Redesigned production relational 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** · Owner, The Robert Taussig Law Firm · 2015 - 2016

**General Counsel** · General Counsel, MultiStrat Re Ltd. · 2012 - 2015

## Projects

**React useWebSocket** ([npm](https://npmjs.com/package/use-websocket) / [Git](https://github.com/roberttaussig/use-websocket)) · React hook to manage websocket connections

- 10,000 weekly downloads.

**ChaosChess** ([Live](https://live.chaoschess.com) / [Git](https://github.com/roberttaussig/chaoschess)) · Chess variant where initial position is completely random

- Multiplayer support and web-worker-based chess engine

**ThoughtMap** ([Live](https://live.thoughtmap.com) / [Git](https://github.com/roberttaussig/thoughtmap)) · PWA-based thought organizer

- Uses graph-like data structures to organize thoughts, allowing users to efficiently keep track of daily tasks and priorities
- Data is stored locally using IndexedDB, with option to encrypt data with a private key to securely upload backups to a remote storage
- Can integrate with Google calendar

## Education

**App Academy** · 2016

**Boston College Law School** · Juris Doctor · 2009 - 2012

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