

Matthew Schmuckler

Software Developer

> PROJECTS

Ticker

Stock tracker browser app connecting investors to real time data, built with React and Rails.

- Blueprinted database schema, API routes, and React.js component hierarchy from the top down.
- Created implementation timeline and UI wireframes to maintain development life cycle with MVP deadlines.
- Integrated external finance APIs to retrieve live market data. Uniformly merged JSON responses into Redux store.
- Optimized autocomplete search with debounced RESTful calls. Constructed custom SQL queries to prefetch data.
- Employed cloud storage with AWS and Paperclip gem to increase scalability.

Galagus

Arcade style JavaScript browser game built on HTML5 Canvas.

- Devised reusable algorithms for enemy pathing and collision detection, keeping code DRY and refactorable.
- Employed Canvas animation frames, resulting in smooth, lag-free gameplay.

DOMinator

JavaScript library for seamless manipulation of the DOM.

- Utilized vanilla DOM API to exert control over HTML elements, generate event handlers and dispatch asynchronous requests.

> EXPERIENCE

Amalgamated Life Insurance Company

Reconciliation Analyst

June 2016 - June 2017

- Analyzed client accounts comprised of benefit packages and retirement funds. Calculated and handled discrepancies in payments or coverage levels.
- Managed 20+ clients, acting as primary point of contact. Resolved debts of \$100,000+.
- Created advanced Excel workbooks automating detection of outstanding balances. Saved 40 working-hours a week.

✉ mschmuckler854@gmail.com

🌐 matthewschmuckler.com

☎ (914) 584-0731

📍 New York, NY

in matthew-schmuckler

🐙 mschmuckler

> EDUCATION

App Academy

September 2017

Intensive software program building full-stack, single-page-apps in a time-crunched environment. Concentrated on core web development practices, algorithms and data structures.

University of Rochester

May 2016

B.A. Bioethics & Biology

Major GPA: 3.8

Graduated with High Honors and Distinction.

Performed classical piano at master level.

> SKILLS

JavaScript

Ruby on Rails

React.js

Redux

JQuery

HTML5

CSS3

Bootstrap

SQL

RESTful APIs

Git

Amazon Web Services