mschmuckler854@gmail.com • (914) 584-0731 • New York, NY

PORTFOLIO: mschmuckler.com • **GITHUB**: mschmuckler • **LINKEDIN**: Matthew

---

Matthew Schmuckler
Software Developer

PROJECTS

Ticker • An app for investors built with React on Rails   Live • GitHub

- Integrated finance APIs to retrieve live market data and uniformly merged JSON responses into Redux store.
- Optimized autocomplete search with debounced RESTful calls and custom SQL queries that prefetch data to avoid N+1 pitfalls.
- Stored images on the cloud with AWS and Paperclip gem to boost scalability.
- Employed Quill and Dropzone React.js libraries for a rich user experience.

Galagus • Browser game based on Galaga built with JavaScript   Live • GitHub

- Devised reusable algorithms for enemy pathing and collision detection.
- Utilized Canvas animation frames resulting in smooth, lag-free gameplay.

DOMinator • Library for seamless manipulation of the DOM   Live • GitHub

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

SKILLS

Ruby • JavaScript • React.js • Redux • Git • JBuilder
Rails • jQuery • SQL • PostgreSQL • HTML • CSS • RSpec

EDUCATION

App Academy • 2017
Web development program with <3% acceptance rate and 1,000+ hour curriculum.

University of Rochester • 2012-2016
BA in Bioethics and Molecular Biology, Graduated with High Honors & Distinction.

EXPERIENCE

Reconciliation Analyst • Amalgamated Life Insurance Company • 2016-2017

- Liaised with 20+ clients to resolve debts for tens of thousands of dollars.
- Created advanced Excel workbooks automating detection of outstanding balances saving 40 man-hours a week.