Matthew **Schmuckler**
Software Developer

✉ mschmuckler854@gmail.com
🌐 matthewschmuckler.com
📞 (914) 584-0731
📍 New York, NY
in matthew-schmuckler
⌂ mschmuckler

❯ SUMMARY

I'm a full-stack web engineer with knowledge across the software development life cycle, from envisioning mockups and data design to implementation and testing.

❯ PROJECTS

Ticker
Designed/Implemented web app for investors with React on 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
Built Galaga-style JavaScript browser game.
- 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
Created 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
06/2016 - 06/2017
- 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.

❯ EDUCATION

App Academy
09/2017
Completed intensive software bootcamp with 1000+ hour curriculum and <3% acceptance.
Concentrated on core web development practices, algorithms and data structures.

University of Rochester
05/2016
B.A. Bioethics & Biology
Major GPA: 3.8
Graduated with High Honors and Distinction.
Performed classical piano at master level.

❯ SKILLS

JavaScript
Ruby
Ruby on Rails
React.js
Redux
JQuery
SQL
PostgreSQL
HTML5
CSS3
Git
JBuilder
RSpec
OOP
RESTful APIs
MVC Architecture
Amazon Web Services