

# MAXIM PEKARSKY

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## EXPERIENCE

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### TWO LINES LLC – Freelance Software Developer – remote

July 2021 – present

#### ExecuteProgram.com (Gary Bernhardt / Destroy All Software)

- Developed and tested website navbar, consistent button component, lesson reference sidebar.
- Authored 200+ technical exercises and 10+ original lessons on TypeScript, modern JS, RegEx, and SQL.

#### GemFM.com, TinyLogger.com

- Implemented GemFM logic to query the Spotify and iTunes APIs, normalize results, and cache with *Rails* and *PostgreSQL* and *Redux*, reducing first contentful paint from 10+ seconds to under 1 second.
- Rewrote TinyLogger's legacy Vue.js front end in *React* and *TS* with hooks. Developed minimal writer component.

#### StackOverflow.com blog

- Research and publish technical content for StackOverflow official blog, on topics like *WebSocket*, *front-end frameworks*, *web graphics*, *clean code for beginners*, *designing search-bar based interfaces*.

### BONUS.LY

Jul 2019 – Jul 2021

#### Software Engineer II – remote

- Responsible for the full development lifecycle of core features (cross-app authentication, question templates, daily jobs) for a greenfield app, enabling 800+ Bonusly customers to survey employees. (*Rails*, *React*, *TypeScript*, *GraphQL*)
- Pioneered the use of integration testing by implementing *Cypress.js*, documenting workflow. (*Cypress.js*)
- Led multiple cross-functional initiatives: technical product demos, standardizing code review, hackathon planning.

#### Software Engineer I – Boulder, CO

- Developed a new employee engagement analytics dashboard in *React* and *D3.js*.
- Developed SFTP integrations for HR tools, expanded API endpoints to provide secure, sanitized user data (*Rails*)
- Refactored legacy Backbone/HAML components in *React* and *JSX*. (*Rails*, *React*, *Backbone*, *HAML*)

### NYC MAYOR'S OFFICE – Software Engineering Apprentice – New York, NY

Mar 2018 – Sep 2018

- Developed neighborhood analytics dashboard using data from the Google Analytics API and CSV survey results, enabling the team to analyze 8000+ monthly user surveys. (*Node.js*, *Vue*, *MongoDB*)
- Helped document, update, and test 20+ WordPress plugins across three nyc.gov apps. (*PHP*, *WordPress*, *jQuery*)

### HACKTERMS.COM – Founder & Software Engineer – Brooklyn, NY

Sep 2017 – present

- Developed and grew a dictionary of programming terms to 1200+ definitions from 800+ users. (*Node/Express*, *jQuery*)
- Built metrics dashboard to track top searched terms, leading to a 350% increase in signups to active user conversion.

### CODECADEMY – Product Operations Associate – New York, NY

Dec 2015 – Jul 2017

- Led ideation and technical development of a project review feature serving 2000+ paid users, which resulted in a 250% NPS increase. Defined MVP feature set and product roadmap, devised user testing strategy, managed release.
- Built communication and reporting tools for a team of 120+ tutors supporting 10K+ monthly paying learners.
- Prototyped a Ruby on Rails and JS app to efficiently schedule tutors with individual availability and skill profiles. (*Rails*)

## TECHNICAL SKILLS

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JavaScript (ES6+), TypeScript, Ruby, Python, Java, HTML/CSS, Node/Express.js, Ruby on Rails, React, MongoDB, Postgres, Redux, Apollo/GraphQL, Cypress.js, styled-components, Storybook, WebSocket, jQuery

## EDUCATION

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Binghamton University Financial Economics, Music Composition

BS, cum laude, 2012

Recurse Center programming retreat participant (studied compilers, Rust, React)

2019