

Software Engineer

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PROJECTS

IndieNoMo (Ruby, Rails, PostgreSQL, React, Redux, CSS3)

[live](#) | [github](#)

A full-stack crowdfunding app inspired by IndieGoGo for creating, viewing and backing campaigns.

- Incorporated CSS Animation with React to create an infinite scroll carousel to increase UX.
- Integrated PostgreSQL trigram extension for fuzzy searching feature to display searched campaigns.
- Bypassed N+1 queries to database by implementing Eager Loading to increase performance speed.
- Ensured secure authentication with password hashing through BCrypt & unique session tokens.
- Optimized media loading performance by employing Paperclip to remotely store images in AWS S3.

Tetris (JavaScript, HTML5 Canvas, CSS)

[live](#) | [github](#)

Classic tile-matching browser game built on principles of Object-Oriented Programming.

- Integrated native browser DOM API and HTML5 Canvas functionality to render cascading pieces, update current state of a game board, level and score, and respond to 'tetriminos' manipulation.
- Applied Object-Oriented Programming principles and leverage the prototypal inheritance.

DOMbledore (JavaScript)

[github](#)

Fast & lightweight DOM manipulation library.

- Designed lightweight, yet powerful library that manages DOM manipulation and traversal functionality, event handling and AJAX requests processing.

SKILLS

JavaScript (ES5, ES6), React.js, Redux, Ruby on Rails, AWS, HTML, CSS, SQL, jQuery, Git, TDD

EXPERIENCE

Operations Manager (VK Import, Inc.)

January 2015 - November 2016

- Advanced marketing strategy invoking social media leading to \$2M of sales during the first year.
- Guided the development of WMS/ERP software system with various features responsive to company's internal needs.
- Directed warehouse management, encouraging employees to take on a bigger role in the company.

Co-Founder (HEYDAY Brand, LLC)

May 2014 – June 2015

- Co-founded Ukrainian youth clothing brand and initiated its emergence in the US & Canada.
- Maintained web-store based on Shopify e-commerce platform, updating frontend to create better visuals and add extra functionality.
- Developed and created company's brand with business partners, including concept to production of the final product, generating more than \$300K in growth during the first year.

EDUCATION

App Academy | New York, NY

May 2017 – July 2017

12 week immersive web-development course with <3% acceptance rate.

Topics covered include object-oriented design principles, TDD, algorithms, and pair programming.

Belarusian State University | Minsk, Belarus

September 2006 - June 2011

Faculty of International Relations

Bachelor's Degree in Language Interpretation & Translation; Linguistics (English, German, Hebrew).