

## 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.
- 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 design to create better visuals and additional 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 of Science in Language Interpretation & Translation; Linguistics (English, German, Hebrew).