

VLAD SASNOUSKI

Software Developer

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www.vsasnouski.me • [GitHub](#) • [LinkedIn](#)

Work Authorization: Permanent Resident

SKILLS

Languages: JavaScript, Ruby, HTML, CSS, SQL

Technologies: Rails, React, Redux, jQuery, PostgreSQL, Firebase, Git, Heroku, RSpec, Jasmine

PROJECTS

IndieNoMo (Ruby, Rails, PostgreSQL, Javascript, React, Redux, CSS)

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

A full stack crowdfunding app Inspired by Indiegogo for creating, viewing and backing campaigns.

- Created an infinite scroll carousel with React and CSS Animation in order to optimize UX.
- Integrated PostgreSQL trigram extension to enable fuzzy search feature for finding campaigns.
- Utilized Active Record's eager loading mechanism in order to bypass N + 1 queries.
- Engineered secure user authentication including password hashing using BCrypt.
- Optimized media loading speed by employing Paperclip to remotely store images in AWS S3.

Counter-Stats GO (Node.js, React, Firebase, D3.js)

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

A Counter-Strike GO stat tracker with interactive charts

- Built a utility that reads an uploaded demo file and extracts game data, subsequently storing it in Google's Firebase realtime database.
- Utilized D3.js and heatmap.js to create dynamic and interactive visualizations of retrieved data.

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 to render cascading pieces, update game board, game level and player's score, and respond to 'tetriminos' manipulation.
- Applied Object-Oriented Principles and leveraged prototypal inheritance.

DOMbldore (Javascript)

[github](#)

Fast and lightweight DOM manipulation library

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

Bootcamp Prep TA • App Academy | New York, NY

October 2017 - current

- Prepared prospective students and first-time learners for rigorous bootcamp program by teaching them fundamentals of programming.
- Provided one-on-one tutoring sessions tailored to suit each student's learning style.

Operations Manager • VK Import | New Castle, DE

January 2015 - November 2016

- Advanced marketing strategy invoking social media leading to \$2M of sales in one year.
- Guided the development of internal WMS and ERP software based on company's needs.

Co-founder • HEYDAY Brand | New York, NY

May 2014 - December 2015

- Created and developed from concept to production a lifestyle clothing brand generating more than \$300K in growth during the first year of operation.
 - Designed, built and maintained brand's eCommerce store using Shopify (Liquid), Javascript, CSS.
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EDUCATION

App Academy • 2017 | New York, NY

12 week immersive web development course with < 3% acceptance rate and emphasis on OOP, TDD, algorithms and pair programming.

Belarusian State University • 2011 | Minsk, Belarus

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