VLAD SASNOUSKI

Software Developer

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Work Authorization: Permanent Resident

SKILLS

Languages: JavaScript, Ruby, HTML, CSS, SQL
Technologies: Rails, React, Redux, jQuery, PostgreSQL, Firebase, Git, Heroku, RSpec, Jasmine

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PROJECTS

IndieNoMo (Ruby, Rails, PostgreSQL, Javacript, 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
- 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.

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.

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).