

AVI VAZANA



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PROJECTS

Spoofify (Ruby, Rails, React, Redux, JavaScript, CSS, PostgreSQL) [Live](#) | [Repo](#)
A full-stack, single-page application for enjoying and discovering music.

- Employs DRY coding techniques and modular architecture to increase readability
- Optimizes queries, only accessing the database when necessary, to reduce runtime loading
- Integrates AWS for data retrieval to increase performance and scaling potential

Circle Guy (JavaScript, CSS, HTML) [Live](#) | [Repo](#)
A fully-playable, Pac-Man-inspired game

- Built from scratch, using only vanilla JavaScript to manipulate DOM elements
- Integrates ghost AI to track down and cut off 'Circle Guy'
- Utilizes tile-grid to re-render only modified elements, increasing performance

Chess (Ruby) [Repo](#)

A chess game you can play in your console

- Built using Object Oriented Programming design principles, including multiple levels of inheritance for chess pieces □

SKILLS

Frontend: JavaScript (jQuery, AJAX, Flux, Redux), HTML5, CSS

Backend: Ruby (Rails, Rspec), SQL, C++, Java

Tools: Git, AWS

EDUCATION

App Academy, New York, N.Y. September 2018 – December 2018

- Rigorous 1000-hour full-stack software development course with < 3% acceptance rate.
- Emphasizes coding style, pair-programming, and best practices.

The Macaulay Honors College, QUEENS, N.Y. September 2011 – June 2015
Graduated Cum Laude

- Bachelor of Arts: Mathematics (Honors)
- Minor: Honors in Math and Science
- GPA: 3.5
- *Curriculum Highlights:* Java, C++, Linear Algebra, Probability & Statistics, Number Theory, Abstract Algebra, Vector Calculus, Discrete Math

EXPERIENCE

Tutor Tactics, Cedarhurst, N.Y. January 2016 – September 2018

- Created business that provided customized lessons for over 100 students
- Conducted marketing campaign that increased annual revenue by 20%
- Increased standardized (SAT/ACT) test scores by an average of 17%

Office of Dr. Craig Perlman, Bethpage, N.Y. July 2015 – January 2016

- Worked as a medical assistant, measuring vital signs and performing routine tests and procedures
- Entered patient data to electronic record system and taught staff how to use the new system

President of Alpha Epsilon Pi, Queens, N.Y. September 2015 – June 2015

- Incentivized members to focus on academics, making Alpha Epsilon Pi the highest GPA Greek Organization on campus
- Coordinated fundraises, raising over \$5,000 for various charities.