

# Steven Paalz

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## EDUCATION

**App Academy** - New York, NY

January 2023 - April 2023

*Highly selective web development bootcamp (<5% acceptance rate) with 500+ hours of sponsored curriculum and 200+ hours of pair programming*

**Vanderbilt University** - Nashville, TN

Graduated December 2018

Bachelor of Science | Magna Cum Laude | GPA: 3.85

Majors: Economics, Human and Organizational Development (HOD)

## PROJECTS

**Zillow?** (React, Redux, Ruby on Rails, JavaScript, PostgreSQL, AWS S3, Google Maps)

[Live Site](#) | [Github](#)

*A clone of the house finding site Zillow, where users can list, browse, and favorite homes for sale*

- Developed full-CRUD listings feature using a Rails web application framework and PostgreSQL database that allows users to post, edit, update, and delete home listings
- Integrated AWS S3 cloud data storage infrastructure to enable the upload and retrieval of image files
- Built secure user authentication system utilizing BCrypt to hash and salt passwords

**Magellan** (Node.js, MongoDB, Express, React, JavaScript, AWS S3, Google Maps)

[Live Site](#) | [Github](#)

*Magellan is a city exploration application that enables users to create and participate in "quests" to explore their community*

- Led backend architecture development using Node.js/Express to design RESTful API routes along with MongoDB/Mongoose to facilitate the storage of application data
- Leveraged the OpenAI API to enable users to generate new quest ideas via AI powered by Chat-GPT
- Employed Google Maps API with geocoding in order to display a google map with event location markers
- Constructed Redux global state to allow the frontend React application to have access to application data across the site

**Big Duck Hunter** (JavaScript, Canvas, HTML5/CSS)

[Live Site](#) | [Github](#)

*Big Duck Hunter is a browser-based duck hunting game*

- Leveraged Canvas to enable sprite animation and a movable player feature
- Constructed algorithms leveraging AJAX to deploy game logic that enabled winning, losing, and 2-player mode

## EXPERIENCE

**Twill** - New York, NY

October 2021 - January 2023

*Corporate Strategy Manager*

- Led strategic planning process to develop a board-approved 5-year strategy and led technical and engineering teams in workshops to develop a technology roadmap that supports the overall strategy
- Managed partnership team and secured a telehealth partnership that enabled the company to launch a new business offering with a projected revenue of \$1M+ annually

**Click Therapeutics** - New York, NY

January 2021 - October 2021

*Senior Associate, Program Management*

- Conducted a data-driven landscape analysis to identify new product features and requirements in collaboration with software development team for 4 digital health applications
- Led a strategic assessment of the company's flagship digital health product and its go-to-market strategy that resulted in ~35% operating cost reduction while also identifying a new revenue source valued at \$9M

**PricewaterhouseCoopers(PwC)** - New York, NY

August 2019 - January 2021

*Associate Management Consultant*

- Launched an operational excellence program to drive continuous improvement for a client's business processes that saved the client 100+ operating hours per month
- Conducted 30+ interviews and workshops with senior executives of a recently-merged wealth management technology firm, with \$200+ billion in AUM, in order to recommend a refined value proposition and operations strategy

**Southern Made** - Nashville, TN

August 2018 - May 2019

*Junior Project Manager*

- Launched a fully automated data analysis process for microsite marketing campaigns, leveraging Google Analytics, Data Studio, and SQL, which reduced project managers' workload by ~5 hours per week
- Translated client needs into tangible technical product requirements and specifications for 15+ projects and collaborated with engineering team through agile development cycle to manage and adapt to changing client requirements

## INTERESTS

Volunteer at Big Brother program, cooking, BBQ, college football, traveling, hiking