Marco Countryman, *Software Engineer*

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Technical Skills

Frontend | Javascript, Typescript, React, Redux, HTML5, CSS3, SASS
Backend | Ruby, Ruby on Rails, MongoDB, Mongoose, Express, Node
Miscellaneous | SQL, Git, PostgreSQL, SQLite3, WebPack, Heroku, Amazon Web Services, Postman, Jest, RSpec

Projects

Music Nimbus | Clone of audio streaming service, SoundCloud   [live site](#) | [github](#)
Ruby on Rails, Javascript, React.js, Redux, PostgreSQL, WebPack, Heroku, HTML, CSS
- Developed custom frontend routes with React Router to manage user access
- Bridged AWS S3 bucket and Rails backend allowing users to upload image and mp3 files onto the cloud
- Outfitted a user-friendly React component with fully functional audio control panel
- Packaged the results of Active Record queries to JSON objects with JBuilder to send as responses to frontend

GitFit | Fitness focused single page social media platform   [live site](#) | [github](#)
MongoDB , Express.js, React.js, Node.js, Redux , HTML, CSS , AWS, Heroku , WebPack, Google Maps
- Architected RESTful API endpoints with full CRUD functionality to maintain lightweight interface between client and server
- Secured web application by importing bcrypt to hash new user passwords before storage on MongoDB and JSON Web Access Token to set expiry times when users log in
- Designed an intuitive user interface for seamless website navigation with ease of use in mind

Alien Invasion | Click based shooter game w/ random spawning   [live site](#) | [github](#)
Javascript, CSS, HTML, Canvas
- Leveraged object-oriented programming paradigms to facilitate gameplay built on instance method behavior
- Manipulated document object model to conditionally render dynamic game information
- Created custom hit detection algorithm by utilizing DOM methods to ascertain dimension of viewport
- Synchronized SetTimeouts and SetInterval functions to control alien spawning and attack sequence

Professional Experience

Police Officer   July 2018 - July 2021
New York City Police Department
- Collaborated with community stakeholders in driving burglaries down 40% within a one-month period by hosting community meetings and implementing precision policing driven by data analytics
- Utilized empathetic communication skills to transform and empower neighborhood youths by offering mentorship and coordinating athletic programs
- Independently operated and prioritized various 911 calls ranging from stolen property to gun violence with hundreds of 911 calls received daily, split between officers within a single police precinct

Education

App Academy | Certificate, Full Stack Development, Computer Science   Oct 2021 - Jan 2022
- 16-week intensive course in full stack development and computer science fundamentals with a 3% acceptance rate

John Jay College | Bachelor of Science in Criminal Justice   Sep 2013 - May 2017
- Graduated Magna cum laude with a 3.76 GPA and a minor in Psychology