

# ANTHONY MARROCCO

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## SUMMARY

A detail-oriented Engineer with three years of experience with a passion for solving problems. A team player with a strong work ethic, self-motivated, adaptable, and highly organized. Having engineered plenty of projects including window design and installation for the Facebook office in New York City. Seeking to use engineering skills in the field of Software Engineering.

## TECHNICAL SKILLS

JavaScript ES6+, C++, C#, Python, CSS3, HTML5, Java, MATLAB, Git, AWS, JSON, jQuery, Bootstrap, Node, Server-Side APIs, Server-Side Development, Object-Oriented Programming (OOP), Test-Driven Development (TDD), Jest, Express, Heroku, AutoCAD, SolidWorks, Pro E, SQL, MySQL, NoSQL, MongoDB, Object-Relational Mapping (ORM), Sequelize, Handlebars, MVC, React, Redux, Progressive Web App (PWA), Webpack, GraphQL, Microsoft NET Core

## PROJECTS

*Travela* | <https://github.com/ajmarrocco/Travela> | <http://travelamap.herokuapp.com/>

- Summary: MERN Stack app where users can log in, search for a city on google maps, and save itinerary information
- Role: React Developer
- Technology Used: React, Node.js, Express.js, JavaScript, MongoDB, Mongoose, GraphQL, Heroku

*Gym Quest* | <https://github.com/ajmarrocco/GymQuest> | <https://gym-quest.herokuapp.com/>

- Summary: Collaborative full stack workout social media platform where users can view workouts based on category and comment on individual workouts
- Role: Frontend JavaScript Developer, Backend Handlebars Developer and Backend routes Developer
- Technology Used: Handlebars, Heroku, Express, Sequelize, Bcrypt, RESTful APIs, MySQL, Date-fns, JavaScript

*Space Sounds!* | <https://github.com/ajmarrocco/space-sounds> | <https://ajmarrocco.github.io/space-sounds/>

- Summary: Allows the user to press a text button with a topic in space and returns an image, sound and video for that topic using the NASA Image and Video Library API and YouTube Data API v3
- Role: Sole JavaScript designer
- Technology Used: HAML, CSS, Javascript, Btnn.css, Bootstrap, Git, Server-Side APIs

## EXPERIENCE

### Skyline Windows LLC, Bronx, NY

*Project Engineer*

August 2019 – present

Collaborates with sales staff, project managers, and architects to produce requested window design for residential apartments and commercial buildings using AutoCAD software

Key Accomplishments:

- Improves fabrication rates and overall manufacturing process.
- Increases client enthusiasm by providing drawings in a timely manner.
- Creates 3D models of window cross sections for presentations and further understanding of products.

## EDUCATION

**Columbia University** New York City, NY - Certificate, Full Stack Web Development

May 2022

**Stevens Institute of Technology** Hoboken, NJ - Master of Engineering, Mechanical Engineering

May 2019

**Adelphi University** Garden City, NY - Bachelor of Science, Physics

May 2016