

ANTHONY MARROCCO

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SUMMARY

A detail-oriented Engineer with over two 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+, CSS3, HTML5, Java, MATLAB, Git, JSON, jQuery, Bootstrap, Node, Inquirer, AJAX, Server-Side APIs, Server-Side Development, Networking, Agile Development Methodology, 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, Progressive Web App (PWA), Webpack

PROJECTS

Gym Quest | <https://github.com/AlessandroB96/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 creator, Backend Handlebars Creator and Backend routes creator
- Technology Used: Handlebars, Heroku, Express, Sequelize, Bcrypt, RESTful APIs, MySQL, Date-fns, JavaScript

Space Sounds! | <https://github.com/sarahhart1997/space-sounds> | <https://sarahhart1997.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: HTML, CSS, JavaScript, Btn.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.

Cradle of Aviation Museum Planetarium, Garden City, NY

Planetarium Intern

May 2015 – December 2015

Researched and studied the propulsion system of the thrusters used for the New Horizons Spacecraft.

Key Accomplishments:

- Successfully monitored the path of the New Horizons Spacecraft and presented research.

EDUCATION

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