

# 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, 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, Object-Relational Mapping (ORM), Sequelize, Handlebars, MVC

## PROJECTS

*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

*Code Quiz* | <https://github.com/ajmarrocco/ajm-code-quiz> | <https://ajmarrocco.github.io/ajm-code-quiz/>

- Summary: A website that creates a timed quiz of the fundamentals of JavaScript
- Role: Sole author
- Technology Used: HTML, CSS, JavaScript, Git, Web 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