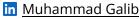
### **Profiles**



LinkedIn

#### **Awards**

Snowflake - 2019

VFS MAV Student Challenge

https://vtol.org/

2nd Place

Project ASARS - 2019

**AUVSI SUAS Competition** 

https://suas-competition.org/

26th Place

Automatic Assisted Walking Cane - 2018

National Science Foundation

https://www.nsf.gov/

Scholarship

### **Skills**

**3D Printers** 

3D Modeling

**Autodesk Eagle** 

C++

**CNC Machines** 

Docker

**Electrical Engineering** 

Fusion 360

GitHub

Microcontrollers

Microsoft Office Suite

**PCB Design** 

**Robotics** 

**SolidWorks** 

Ubuntu

# **Muhammad Galib**

Mechanical Engineer

- 🛮 Brooklyn, NY 📞 929-254-8825 🕲 muhammadmgalib@gmail.com •
- ⋄ https://thisisgalib.com

# **Summary**

Bright energetic mechanical engineer seeks a position that will utilize engineering skills to improve and develop design and manufacturing.

# Experience

## **Easy Aerial**

January 2019 - Present

Brooklyn, NY

R&D Engineer II

https://easyaerial.com/

- Electrical and mechanical design using Autodesk Eagle and SolidWorks to solve custom hardware requirements for next generation unmanned aerial systems
- Design of electrical subassemblies to be enclosed in either COTS extruded aluminum cases or COTS injection molded cases
- Design of portable power unit for unmanned aerial systems in remote locations
- Author specification and SOW documentation for external subcontractors
- Focus on root cause analysis and company's quality management system
- Assembly of autonomous aircraft and remote ground control stations

### Education

# Vaughn College of Aeronautics and Technology

May 2019
Bachelor of Science

Mechanical Engineering

3.82

https://www.vaughn.edu/

Relevant Coursework:

Aerodynamics, CATIA, Finite Element Analysis, Fluid Mechanics, Heat Transfer, HVAC, MATLAB, Mechanical Design, Mechanical Vibrations, Strengths of Materials, Thermodynamics

#### **Publications**

# Autonomous Search and Rescue System (Project ASARS) LACCEI

**July 2019** 

- Used SolidWorks to design models and Fusion 360 to generate CAM G-Code
- Developed antenna tracking system using GPS for autonomous drones
- Manufactured ground station for video feedback and autonomous missions
- Operated a CNC router and a 3D printer for prototype and production components