# Antonio Fiocca

## Electrical Engineer

📍 Pennsylvania, United States

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## SOCIAL

in @antonio-fiocca

## PROFILE

I am interested in opportunities related to Robotics, Software development, PCB design, Audio electronic development, Application Engineering, and automation.

## EDUCATION

**BACHELOR'S DEGREE**

**Electrical Engineering**

University of Pittsburgh

2017 - 2021

**MULTIMEDIA TECHNOLOGY**

Middle Bucks Institute of Technology

2013 - 2015

## SKILLS

- Linux
- C++
- Ansi C
- JavaScript
- AutoCAD
- Robotics

## EXPERIENCE

### Robotic Test Engineer

*October 2022 - Present* | **Redzone Robotics**

Developing and implementing test plans, test cases, and test scripts to validate robotic system functionality and performance.

### Project Engineer

*September 2021 - October 2022* | **Richmond Engineering Works**

Responsible for the electrical drawing design and quality assurance processes, ensuring all electrical designs are up to code. Such as Panel Designs, MCCs, Switch Gears, Conduit layout, Cable sizing, AC and DC Drives.

### Electrical Engineering Co-Op

*September 2019 - April 2021* | **Conair group**

Supervise New Product Development which includes: managing software development, communications between systems, assembly process of products and electrical hardware design including Printed Circuit Board designs.

### Robotic Engineer

*April 2019 - September 2020* | **Panacea.Ag**

Team Lead for new product design for production and scalability of hardware unit and Developed software stabilization and optimization for consumer use

### Team Lead

*November 2018 - April 2019* | **X-Projects**

Fully Automated Farming Robot designed for weed removal, watering, seed planting, and soil testing, Integrated 360° Lidar with hardware modifications to amplify and rectify UART signal communication, and Using C++ to develop a 2-Dimensional Tracking system for precision of movement with 360°Lidar

### Lead Engineering Intern

*June 2018 - January 2019* | **Mansco Products Inc**

Developed advanced data analysis algorithm for curve fitting with graphical user interface using python, to improve troubleshooting of user's complications

## LANGUAGES

- English

## INTERESTS

- Code
- Read
- Write
- Game
- Music
- Sport