

Charles Scott

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EXPERIENCE

Volunteering

- Helped with stream cleanup with my Scout troop (Troop 118)
- Helped with fundraising with my scout troop over the years. I've participated in the following fundraising activities:
 - Scouting for food (for Loaves and Fishes)
 - Sold Auto Bell carwash gift cards
 - Helped sell fertilizer and mums
 - Sold sponsorship for Pace golf tournament
- Helped with sorting toys and bikes for Salvation Army

Freelancing/internship

Worked with a mentor at ApeironUAV to get real world experience with making projects for ROS2 in python. ROS is software that helps robots run programs and communicate between their parts, like sensors, cameras, and motors.

I helped build a web user interface to show data from the sensors for an autonomous helicopter to show its fuel, temperature, altitude, and other sensor data.

EDUCATION

Myers Park High School, Charlotte, NC — *High school diploma*

August 2019 - January 2022

I went to Myers Park and took all the classes I needed to graduate.

Central Piedmont Community College, Charlotte, NC

May 2022 - May 2025

I graduated from CPCC and received a certificate in Information Technology in full stack programming

Udemy courses

The Complete Python Bootcamp From Zero to Hero in Python
Beginning C++ Programming - From Beginner to Beyond

FreeCodeCamp certifications

[Legacy JavaScript Algorithms and Data Structures V7 Certification](#)
[Legacy Responsive Web Design V8 Certification](#)

HARD SKILLS

- Web development (HTML/CSS/Javascript)
- Python, C/C++, Bash scripting
- ROS2 (robot operating system)
- Working with operating systems (Windows/Mac/Ubuntu)

SOFT SKILLS

- Attention to detail
- Precision-focused
- Striving for honesty and humility
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AWARDS AND ACHIEVEMENTS

Eagle Scout, September 2021

High school graduation,
January 2022

Rock climbing award for
perseverance, June 2017

Mecklenburg County Good
Scout Award—first youth to
earn this award, December
2015

LANGUAGES

English (US): Native
Spanish: Intermediate

PROJECTS

Eagle Scout Service Project—June 2021

I led a group of volunteers and we made and attached plexiglass Braille signs next to each of the doors at my scout church

Mission trip projects—June 2022

I went with the youth group from my church to do two different projects. We built two wooden ramps for each of the two houses we visited.

Sensor dashboard—September 2025

Collaborated with a mentor to make a website displaying sensor data from robotic helicopters, including fuel levels, rotation, and temperature.