

Dylan C. Montgomery

Hudson, OH | 330-554-0940 | dcm103@uakron.edu | fruitfulnetworkdevelopment.com

TECHNICAL SKILLS

Computer Languages: Languages: Python, C++, SQL, Bash

Cloud/DevOps: AWS (EC2, Route 53), Docker/Docker Compose, NGINX, Linux, Git

Backend/Data: Flask, REST APIs, PostgreSQL, pandas (ETL), BeautifulSoup

Languages: Fluent in English, Literate in Russian

EDUCATION

The University of Akron | Akron, OH

Anticipated graduation: May 2027

- Williams HC Double Bachelor of Computer Engineering & Applied Mathematics - 3.5 GPA
 - Computer Information Networking Minor - 3.7
 - Computer Science Minor - 3.7

Relevant Coursework: Numerical Methods, Linear Algebra, Data Struct., Models

Hudson High School | Hudson, Ohio

August 2016- May 2021

- Graduated with Honors - 4.3 GPA

EXPERIENCE

Founder & Developer | Fruitful Network Development LLC

July 2021-Present

- Engineering contract firm focused on novel software/hardware framework Dev. for agriculture networks.
- Conducting an ongoing pilot impact study to validate operational benefits within local food networks for a USDA-alignment grant.

University of Akron Research Foundation Research

December 2024-September 2024

- Conducted 43+ interviews across diverse agriculture stakeholders: Farmers, Co-Ops, Extension Programs, Specialty Grocery Stores, FairShare, OPGMA, OEFFA, ACEnet, Ohio Farm Bureau, CWRU Research Farms, CSAs, and others.
- Gained firsthand insights into operational challenges, industry needs, and market dynamics within small local agriculture networks.

Electrical System Engineer | Stanley Black & Decker | Valley City, OH

May 2023-September 2023

- Developed and integrated CAN-Bus Networks for next-generation landscaping machinery.
- Conducted EMI/EMC testing and generated technical reports for product certification.
- Collaborated with cross-functional teams to troubleshoot and enhance sensor data accuracy for prototypes.

Assistant Golf Pro | Lake Forest Country Club | Hudson, OH

April 2018-August 2022

- Leveraged customer interaction and networking skills to increase new member referrals.

LEADERSHIP AND INVOLVEMENT

Mentor | Big Brothers Big Sisters Program

February 2022 – Present

Member | Golden Key International & UA Chapter NHS

September 2023 – Present

Member | Akron Hillel Chapter

September 2023 – Present

Vice President | UA Hackron Club (Zipcode)

March 2023 – June 2025

DriveTrain and ECU Team Lead | Zips Electric Racing

January 2022 – May 2023

- Lead the design and integration of the dashboard for the racing team's electric vehicle.