

Ryan Murphy

112 Antler Ln
Saylorsburg, PA, 18353
(570) 730-1902
ryan.e.murphy9@gmail.com

EDUCATION

LAFAYETTE COLLEGE

Easton, PA

B.S. Computer Science Student (Expected graduation May 2022)

- **GPA: 3.13**
- **Relevant Coursework:** Operating Systems, Software Engineering
- Data Structures and Algorithms: B
- Data Mining: B
- Database Management Systems: B
- **Extracurricular Activities:** Cross Country, Track & Field Team, Athlete Ally

PROFESSIONAL EXPERIENCE

Structural Services

Bethlehem, PA

Machine Learning / Systems Engineer

May 2021 –

- Assisted in the implementation of a Mask R-CNN neural network in Python
- Organized the training of a neural net using a custom dataset
- Interfaced with several hardware devices in C++
- Designed image processing software in Matlab
- Implemented a GUI in Python

Sworadix

Nazareth, PA

Software and Blockchain Developer

Jan 2021 – Apr 2021

- Implemented a working blockchain network prototype using Python
- Designed and deployed a blockchain frontend using Flask

Golf Association of the Lehigh Valley

Bethlehem, PA

Data Analyst / Tournament Supervisor

May 2018 – Aug 2020

- Calculated statistical data for over 50 athletes
- Organized a network of user accounts
- Compiled and presented individual and course data to over 200 recipients
- Performed data entry related to golf scoring

ADDITIONAL SKILLS

- Intermediate knowledge of blockchain networks
- Experience working in Python, C++, JavaScript, SQL, and Wordpress

REFERENCES

BILL HALLER, PROJECT MANAGER, STRUCTURAL SERVICES

hallerw2000@gmail.com / 1(610)-442-2848 – Current Manager

KARL GILBERT, EXECUTIVE DIRECTOR, GOLF ASSOCIATION OF THE LEHIGH VALLEY

K.Gilbert24@hotmail.com - Former Manager