

Braden C. Fleming

2324 Southfield Ct, Finksburg, MD 21048 | (667) 367-7079 | bradenfleming0801@gmail.com

Determined computer science student looking for a challenging internship using an advanced programming language to gain a deeper understanding of Machine Learning and programming in teams. Experience in Visual Studio Code, Python and Windows. Interested in developing advanced algorithms for AIs and learning the software development process. Available summer 2022.

Education

York College of Pennsylvania, York, PA
Bachelor of Science: Computer Science
Minors: Criminal Justice, Mathematics

GPA: 3.50
Expected graduation: May 2024

Technology Summary and Coursework

Programming/Languages: Python, Java, Ti-Basic, MatLab

Design & IDE Tools: Visual Studio Code, IntelliJ, Eclipse, GitHub

Systems: Windows, Linux, Ubuntu

Coursework: Fundamentals of Computer Science I & II, Fundamentals of Computer Engineering, Calculus III

Computer Science Work Experience

Computer Science Intern | Johns Hopkins University. Applied Physics Laboratory | September 2019 - May 2020

- Worked individually to design and program an advanced ballistics simulation in MatLab
- Capable of being implemented into a larger simulation
- Presented project to a team of senior-level software developers

Computer Science Projects

Fundamentals of Computer Engineering | York College of Pennsylvania | Spring 2022

- Developed an algorithm in Python to convert images into Minecraft Block Images

Independent Project | Fall 2020

- Designed and created a program to play bingo automatically using 20,000+ bingo sheets
- Developed a separate program to automatically retrieve bingo sheets from the internet

Work Experience

Security Supervisor | York College of PA – Department of Campus Safety, York, PA | Summer 2020 – Present

- Respond to medical emergencies, fire alarms, and physical altercations
- Perform routine patrols and resolves situations
- Oversee and trains a group of employees including bike, tourniquet, driving, and online certification

Leadership and Volunteer Experience

Changemakers | York College of PA | Fall 2020 – Present

- Participate in the Changemakers community by engaging in a team service project
- Attends Spartan Serve days to volunteer at a non-profit, community-oriented organization