MICHAEL **VANHORNE**

Work in a field or related field that provides new challenges to be solved using technology.

EDUCATION

The Pennsylvania State University, University Park, PA — 2026
Bachelor of Science, Information Science and Technology — Major GPA: 3.29, Total GPA: 2.91

The Pennsylvania State University, World Campus — May 2022
Information Sciences & Technology Undergraduate Certificate — GPA: 3.84

SKILLS

Python, Java, JavaScript, PHP, HTML, CSS, MySQL, Linux, Blender 3D, Adobe Suite, Unity, Web Design, Back End, Front End, Full Stack

PROJECTS

IST 261 App Dev Studio I, **Point of Sales System**, August 2023

- Java front end application with MySQL database

High School STEM Class, **Attendance System**, September 2019

- Developed and managed Attendance System for use in large classes where taking attendance was causing class delays. The system used a website or Raspberry Pis for scanning students' IDs as an alternative to register as present in the class each day.
- Presented system to school administration and implemented for use by the school.
- Web based application with PHP backend. Python based barcode scanner.

High School TSA Coding Competition, **G-Code Interpreter**, 2018

- 3D printer G-Code interpreter with real-time simulation. Implemented in Python, Objective based.

ACTIVITIES

Technology Student Association, Mifflin County Chapter

- President (Full year term, 2019), Treasurer (Full year term, 2017)
- Placed 2nd in coding
- Technology bowl semifinalist
- Participated in Problem Solving, Biotechnology, Remote-Control Off-Road Technology, and Photography competitions.

WORK EXPERIENCE

Various summer jobs including Dairy Queen, JCPenny, Lowes, and Mifflin County Communications.

- Soft Skills: communication, teamwork, problem-solving, time management, leadership, adaptability, creativity, empathy, conflict resolution, active listening, customer service, time management