

# Morgan Huberty

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## Education

### Johns Hopkins University

Expected May 2027

Bachelor of Science in Computer Engineering

Relevant Coursework: Computer System Fundamentals, Intro: Python, Mastering Electronics, Signals & Systems

SAT Score: 1530

### Lethbridge College

January 2022 - June 2023

Online

Relevant Coursework: Engineering Math, Marketing Fundamentals for Media

### Southern Alberta Institute of Technology

September 2021 - December 2021

Online

Relevant Coursework: Introduction to Business Management

## Experience

### #iVoted Impact Concerts at SNF Agora Institute

May 2025 - Present

Data Science Researcher

- Processed music-listener data and voter demographics from RedistrictingDataHub and Geocorr APIs
- Automated weekly data workflows via custom Python scripts and the Google Sheets API
- Managed Google Sheets dashboards to project and track concert-driven voter registrations resulting from #iVoted interventions

### National Society of Black Engineers

September 2023 - Present

Incoming Vice President; previous Finance Chair

- Managed financial planning for chapter activities, ensuring effective allocation of \$9000 budget
- Developed marketing materials to promote member engagement and outreach by leveraging digital platforms
- Coordinated fundraising and sponsorship efforts for \$3500 worth of income

### VEX Robotics

November 2019 - March 2022

Robotics Designer

- Designed and programmed competition-grade robotics platforms using C++ and Python
- Performed hardware bring-up (calibration; sensor integration) and basic circuit assembly (motor controllers; wiring harnesses)
- Collaborated with team members in maker-space environment, developing tools and strategies to optimize robot performance
- Troubleshoot mechanical and electrical failures, documented design iterations and updated CAD models for 3D prints

## Activities

### Kumon Institute Education

September 2022 – June 2023

Intern Assistant

- Supported educational programs to enhance student learning in mathematics and English
- Provided individualized support, improving student performance, engagement, and communication
- Completed full Kumon programs, demonstrating subject proficiency

## Skills

**Programming Languages:** Python, MATLAB, R

Familiarity with C, C#, C++

**Computer Applications:** Microsoft Office Suite, Google Workspace, Google Sheets, Excel, Canva, Git, Tinkercad, Fusion360

Familiarity with KiCad, AWS, Google Cloud, Linux (Ubuntu)