

ANTHONY HACKNEY

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Education

Central Michigan University

Mount pleasant, MI

B.S. Computer Science

Graduation

December 2020

Class Project Experience

Davinci Medical Device

- A project with doctors from Central Michigan University's medical college. Gathered user stories to help nurses with placement of the medical device.
 - C# and Unity

Google Home Device

- An introductory project using Raspberry Pi to couple multiple devices.
 - Python

AITP Club Website

- A collaboration between the elected board members of AITP to build a new website.
 - HTML, CSS, JavaScript, and Django framework

Personal Project Experience

Schrödinger's 3D wave equation modeling

- Used Python to model Schrödinger's 3D wave equation.
 - Python, Matplotlib, Scipy

Microsoft Azure Twitter bot

- Using previous project experience elevated the twitter bot program to run independently from a personal machine to create a seamless content delivery system using Microsoft's cloud computing systems and function apps.
 - Cloud computing, Function apps, C#, Python, JS

Weather tweet bot with machine learning integration

- Building off the previous projects, it will take pure empirical weather data from the last 5 years and build a machine learning model to predict the next 3-day forecast and compare it to the actual weather, which will then automatically tweet it out at a specified time.
 - Python and TensorFlow

Certifications

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- Microsoft Azure Fundamentals
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Work Experience

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| Full Moon Saloon | Whitehall, MI |
| <ul style="list-style-type: none">• Line cook working with a small team to communicate orders and accurately deliver food. | Feb. 2021 – current |
| Pub One Eleven | Whitehall, MI |
| <ul style="list-style-type: none">• Line cook working with a small team to communicate orders and accurately deliver food. | Aug. 2020 – Nov 2020 |
| Coder-Blossom | Mount Pleasant, MI |
| <ul style="list-style-type: none">• Worked at a start-up that used machine learning to identify and cater to individual children's needs from K-12 grade levels. | Sept. 2019 – Nov. 2019 |
| Resnet Depot | Mount Pleasant, MI |
| <ul style="list-style-type: none">• Worked with my peers to troubleshoot technology problems during their transition to CMU. | Aug. 2019 – Sept. 2019 |

Activities and Student Organizations

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| Member of the Association of IT Professionals | |
| <ul style="list-style-type: none">• MWC3 participant for the annual coding competition• Elected representative for AITP to the student government association | Aug. 2018 – Dec. 2020 |
| Student Government Association | Jan. 2020 – Dec. 2020 |
| <ul style="list-style-type: none">• Sustainability committee member• Organized recycled material collection (further project interrupted due to COVID-19) | |

References Available Upon Request