***Charles Wright***

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5465 Lichenhearth Ct.

Stone Mountain, GA 30087

**EDUCATION** *August 2021 - Present*

**University of Michigan:** College of Engineering: Computer Science **Cumulative GPA**: 3.42 **Relevant Coursework**

EECS 280 - Data Structures and Algorithms EECS 203 - Discrete Mathematics

ENGR 100 - Process and Throughput Optimization

**PROFESSIONAL EXPERIENCE**

**Ty Technology Consulting -** *Intern - Atlanta GA August 2019 - May 2020*  Studied full-stack development fundamentals and created an asset management portal allowing users to recover over 70 missing items, identified by uploaded images processed by the portal.

* Collaborated with stakeholders to identify necessary features to meet client expectations.

**Atlas Digital Consulting -** *Project Manager/Analyst - Ann Arbor, MI September 2021 - Present*

* Lead a team that designed the OasisAI front-end and back-end security, including secure authentication.
* Scheduled to subsequently add the capability to match end users with project events via machine learning algorithm.
* Established a learning curriculum in order to expedite efficiency.
* Completed and expanded upon OasisAI final deliverable in 55% of the expected time.

**PERSONAL PROJECTS**

**MRI Image Processing** - January 2021

* Designed a MATLAB program utilizing image processing to locate tumors and set a radiation beam. Intensity is dependent on the size of the location of the tumor through MRI brain scans as input data.

**Automated Cleaning Robot** - January 2021

* Developed a cleaning apparatus configured to wipe floors utilizing RobotC and Python Neural network training to facilitate cleaning in a hands-free approach amongst the pandemic.
* Robot contained a camera and its pathing adaptable to various room layouts.

**LEADERSHIP EXPERIENCE**

**MPowered -** Outreach/Organizer *- Ann Arbor, MI September 2021 - Present*

* Promoted and arranged an entrepreneurial event hosting over 40 companies and provided an opportunity to match with talent from over 400 attendees from the University of Michigan.

**Robotics Club -** *President**- Ann Arbor, MI August 2017 - 2021*

* Organized weekly meetings and engaged over 45 members with monthly seminars showcasing major technical leaders in the community to connect members with opportunities.
* Engaged in 15+ VEX robotics competitions using team-built robots to fulfill set tasks and mentored students in C++ and python due to the school's lack of such programs.

**Debate Club -** *President* **-** *Ann Arbor, MI* J*anuary 2019 - August 2021*

* Prepared 35 members for Lincoln Douglas style debate through bi-weekly meetings and organized monthly events to promote team culture. Attended and participated in mock trials and debate competitions.

**Technical Skills**

**Proficiency in**: C++ Python, HTML, Javascript, React, Nodejs,MySQL