




CHALSE OKOROM-ACHUONYE

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Education

UNIVERSITY OF MICHIGAN – ANN ARBOR

CLASS OF 2019

BS Information | BS Cognitive Science

Cumulative GPA: 3.49

- Supplemental Study: Program in Entrepreneurship
- Relevant Coursework: Data Structures & Algorithms, Data-Oriented Programming, Digital Product Design, Accessible Web Design, Building Interactive Applications, Human-Computer Interaction, Cognitive Science

Skills

Programming: C++/C#, Python, HTML, CSS, SQL, JavaScript, JQuery

Software/Tools: Visual Studio, Git, Bootstrap, Flask, InVision Studio, Figma

Experience

University of Michigan – School of Information

Ann Arbor, MI

Instructional Aide, Information 206: Data-Oriented Programming

September 2018 – Present

- Collaborated with graduate student instructors and professor to conduct weekly labs, advise office hours, lectures, and discussion sections for a lecture size of 100+ sophomore and junior students.
- Graded exams and weekly homework assignments completed in Python.
- Teamed with course instructor team to create requirements and grading expectations for course assignments and projects.

University of Michigan – Shapiro Undergraduate Library

Ann Arbor, MI

Student Developer – Shapiro Design Lab

October 2017 – Present

- Designed the interface and implemented a university-library-integrated web application in a team of three developers using Python, HTML, CSS, SQLite and JavaScript.
- Created a raspberry-pi powered library engagement station for this tool within the Shapiro Undergraduate Library.
- Executed an iteration of Jason Griffey's data analytic tool, Measure the Future, for measuring attention in library spaces.

Microsoft Corporation

Redmond, WA

Software Engineering Intern - Edge Networking Team

May 2018 – August 2018

- Implemented an alternate upload scheme for large files within the Microsoft Edge Browser using C++.
- Prevented upload-related process crashes due to lack of memory, decreasing memory by three-fold for large file uploads.
- Utilized internal developer tools for debugging known issues within the Edge browser.

Microsoft Corporation

Redmond, WA

Explore Intern - Developer Ecosystem Platform

May 2017 – August 2017

- Pinpointed features for improving the creation of specialized Windows virtual machines for developers for internal developers to use, as a part of the Developer Ecosystem Platform team.
- Programmed these features into the team's existing virtual machine program in a team of three developers using C#.

Leadership & Activities

Residence Halls Association – Diversity Peer Educator

August 2018 – Present

Girls in Electrical Engineering and Computer Science

October 2014 – Present

National Society of Black Engineers (NSBE) – Annual National and Fall Regional Conference

September 2014 – Present

Blavin Scholars Program – Blavin Scholar, Advisory Board

September 2014 – Present

ACM Richard Tapia Conference for Diversity in Computing

September 2015, September 2018

African Students Association – African Students Association

September 2016 – April 2017

Global Scholars Program – Peer Facilitator, Advisory Council

September 2015 – May 2018