

# Chalse Okorom-Achuonye

[linkedin.com/in/chalseokorom](https://www.linkedin.com/in/chalseokorom) [github.com/chalseoko](https://github.com/chalseoko)

## OBJECTIVE

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Software engineer (Seattle-based) with five years experience in full stack development, two years in data analytics and visualization, and specializes in use of ReactJS, Python, and C++.

## EDUCATION

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### University of Michigan - Ann Arbor, School of Information

M.S. Applied Data Science

Expected 2024

B.S. Information - User Experience and Design

2014 - 2019

B.S. Cognitive Science - Language and Cognition

## SKILLS

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**Programming Languages:** C++, React, Redux, Python, JavaScript, HTML, CSS, SQL

**Tools:** Figma, WC3 Standards, Selenium Webdriver, Jest, GTest, Chromium, Pandas, Numpy

## EXPERIENCE

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### Software Engineer

Jan 2022 - Jan 2023

*Microsoft Corporation*

*Redmond, WA*

- Conceptualizing and implementing service architecture in collaboration with the experimentation team to build an internal service to help them analyze and control browser features using C++.
- Creating and validating telemetry to calculate net user satisfaction (NSAT) metrics, and using them to group and better understand user's behavior as it relates to in-browser app use.

### Software Engineer

Aug 2019 - Dec 2022

*Microsoft Corporation*

*Redmond, WA*

- Created reusable visual components and styles for use in Edge Collections using ReactJS.
- Instrumented and brainstormed data collection and analysis telemetry plan for retaining Collections users using a funnel measuring user drop-off at each level.
- Maintained WC3 accessibility standards within Collections application through bug fixes.

### Software Engineering Intern

May - Aug 2018

*Microsoft Corporation*

*Redmond, WA*

- Improved upload scheme within historic Edge browser to enable progressive uploads of data packets, allowing very large files to upload at a faster rate.
- Fixed HTTP navigation bugs resulting from uploading and downloading web page data.

## PROJECTS

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**Personal Portfolio** - Developed a personal web page that showcases my data and development skills.

**Seattle Historical Precipitation** - Performed data analysis on precipitation data from 1948 to 2010.

**South Korea COVID-19 Data** - Conducted data exploration on early COVID-19 response data.