# **Nicholas Guilfoyle**

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#### **EDUCATION**

# UNIVERSITY OF MICHIGAN (2017-Present) COLLEGE OF LITERATURE, SCIENCE, AND THE ARTS

- Anticipated graduation semester Winter 2020
- GPA 3.5/4
- Bachelor of Science in Data Science
- University Honors Fall 2017 and Winter 2018

#### PROGRAMMING EXPERIENCE

- Image classification via convolutional neural network in Python
- Unsupervised learning application using an autoencoder to compress and reconstruct images using Python
- Experience with SQL and Java from Database Management
- Implemented the card game Euchre in C++ with functioning computer players
- Used a public API to pull sports data for a college football ranking system

#### WORK EXPERIENCE

#### US CENSUS IT SUPPORT CLERK: LANSING AREA CENSUS OFFICE (July-August 2020)

- Provided technical support for Census field staff using Census Mobile Devices (Iphones and Ipads)
- Provided technical support for staff in the Area Census Office through CTRIX and other programs
- Managed inventory of more than five thousand Census Mobile Devices
- Trained new staff on support procedures

## **AT&T SUMMER EXTERNSHIP (June-July 2020)**

- Four week remote program with focus on sharpening business skills
- Materials also covered AT&T programs (HBO, DirectTV, AT&T Internet)

### MCDONALD'S CREW MEMBER (Summers 2017-2019)

- Executed financial transactions including handling money from customers and ensuring accuracy of transactions at shift end
- Resolved issues with customers when problems arose to increase efficiency of store operations
- Trained employees on new positions and helped to introduce new systems to other employees

# UNIVERSITY OF MICHIGAN QUIZ BOWL (2017-Present) 2018 TOURNAMENT DIRECTOR

- Oversaw tournament logistics, including managing tournament staff, preparing schedules, and communicating with coaches from other schools
- Managed statistics for tournaments with quiz bowl statistics software
- Competed in 2018 Division II NAQT Inter-Collegiate National Tournament

#### ADDITIONAL INFORMATION

- Collector of records, mostly alternative and classic rock
- Avid follower of Michigan Football
- Played trombone for eight years and did three years of marching band in high school