

Michael Wheeler

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Education

Michigan Technological University - Houghton, MI

Graduation Date: May 2019

Major: Bachelor of Science in Computer Engineering

Cumulative GPA: 3.3

Work and Internship Experience

Systems Analyst at Streamline Healthcare Solutions (5/19-Present) and Intern from (5/18-8/18)

- Writing and debugging SQL stored procedures
- Creating SQL Jobs
- Working with CLR's and web application code written in C# using the .NET framework
- Working with customers and business analysts to determine design requirements and address bugs
- Using Visual studio to create RDL files for reporting
- Using SSIS packages to import/export data from SQL Servers

Intern at Technology Solutions of Michigan (6/17-8/17)

- Modified a C# program to import companies and invoices from an SQL database into QuickBooks
- Modified a previous interns html code to fix the display of web pages (removing bad links, re-arranging buttons, modifying tables)

Other Project Experience

Python Projects (3/18-present)

- Built my own website using django, javascript, html, and css and hosted it on Amazon Web Services
- Created a convolutional neural network using python and the keras sub library of tensorflow to read in 28 by 28 pixel images of the MNIST dataset and output the number that was read in with 99.1% accuracy.
- Made a python implementation of counting sort, insertion sort, and merge sort that has each algorithm sort the same randomly generated array and output the amount of time each algorithm took

Wireless Communications Enterprise (1/19-5/19)

- Created a connection between android studio application and a python application using rabbitmq. The python application used the pika library to read messages from a rabbitmq queue. On the android studio application side a new thread was created to send messages using methods and objects in the rabbitmq client library.

Team Software Project (9/17-12/17)

- Created and maintained a small MySQL database for holding information about a schedule for classes a user was considering signing up for
- Worked on injecting events into Google Calendar from application using google calendar api

Technologies Used

- Amazon Web Services since 2/20
- Python since 9/18
- TSQL since 6/17
- 4 classes using Java
- 4 classes using C programming