

Dawid Miszczyk

U.S. Citizen ▪ (847) 481-8958 ▪ davidmiszczyk@gmail.com ▪ Chicago, IL ▪ <https://www.linkedin.com/in/davidmiszczyk/>

EDUCATION

University of Illinois at Chicago (UIC)

December 2023

Bachelor of Science in Computer Science

Relevant Coursework: Data Structures, Computer Algorithms, Intro to Artificial Intelligence, Intro to Data Science

Wilbur Wright College, Chicago, IL

May 2018

Associate of Science in Engineering

SKILLS

Programming Languages: C/C++, Python, Java, F#, SQL, HTML, CSS

Software/Frameworks: MySQL, Git, C++ STL, React, Scikit-learn, Pandas, Seaborn, Numpy, RESTful API, NLTK, TensorFlow

Spoken language: Fluent in Polish, conversant in German

PROGRAMMING PROJECTS

Divvy Ride Prediction (UIC)

December 2023

- Created and tested hypotheses using machine learning regression models in a team of four in Python
- Cleaned temperature data and Divvy ride data using CSV files and Pandas DataFrames
- Coded visualizations of machine learning regression models with Scikit-learn and analyzed their loss functions
- Demonstrated project methodology to the class via PowerPoint presentation

Stock Sentiment Analysis

December 2023

- Developed an app that does machine learning on Twitter data using the Twitter API, NLTK, TensorFlow in Python
- Coded a connection to the Twitter API and coded functions to lemmatize and tokenize Twitter data using NLTK
- Classified the sentiment of tweets about stocks from popular stock analyst accounts using TensorFlow in Python

Hospital Database System (UIC)

November 2023

- Developed an app with a MySQL database, implemented both the database connection and the GUI in Python
- Implemented a GUI that allows the user to login and perform CRUD operations to the database using text commands
- Tested the app by typing commands and verifying the database updated properly in MySQL Workbench

Priority Queue (UIC)

May 2021

- Tasked to build a custom priority queue data structure with operational functions in C++
- Implemented an API to store data using a class with nodes to create a binary tree which contained linked lists
- Coded Google Tests with thousands of assertions to check edge cases and detect bugs in the code

WORK EXPERIENCE

US Census, Chicago, IL

August 2020 - November 2020

Enumerator

- Completed the Census 2020 survey with Chicago residents given by daily assignments
- Ranked in the top 20% for completed assigned cases among enumerators
- Achieved the weekly bonus several times based on successful enumerated cases

Best Buy, Norridge, IL

Sales Consultant

- Assisted customers with making informed purchase decisions on home theater products
- Performed most department open and closing duties including fixing displays
- Signed up customers for financing by explaining the promotions and completing credit applications