Dawid Miszczyk

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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
Spoken language: Fluent in Polish, conversant in German

PROGRAMMING PROJECTS

Divvy Ride Prediction (UIC)   December 2023
- Analyzed Divvy ride patterns in a team of four and tested our hypothesis using several machine learning models
- Cleaned temperature and Divvy ride data from several CSV files using Pandas
- Coded several regression machine learning models to test our hypothesis and check which model predicts accurately

Hospital Database (UIC)   November 2023
- Designed a database that stores user information using MySQL for back-end and Python for front-end
- Coded a GUI that allows the user to login and perform CRUD operations to the database
- Tested the application by doing commands and verifying the MySQL Workbench updated properly

Priority Queue (UIC)   May 2021
- Tasked to build a custom priority queue in C++ and coded operational functions
- Coded test cases with thousands of assertions that check for bugs including edge cases
- Designed an API using a class with nodes to form a binary tree and linked lists

Custom List Project   May 2022
- Implemented classes using a doubly linked list with a C-array data member that store and operate on data
- Coded methods that performs operations such as adding and removing nodes from the list
- Coded unit tests to check for bugs in the code and test code validity

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 applications