

Dawid Miszczyk

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EDUCATION

University of Illinois at Chicago (UIC)

Expected: December 2023

Bachelor of Science, Computer Science

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

Wilbur Wright College, Chicago, IL

Completed May 2018

Associate of Science, Engineering

Relevant Coursework: Calculus, Physics, English with Academic Writing

COMPUTER SKILLS

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

Operating System: Linux Ubuntu, Windows 10

Spoken language: Fluent in Polish, conversant in German

PROGRAMMING PROJECTS

Priority Queue (UIC)

May 2021

- Tasked with an in class assignment to build a custom priority queue for the Data Structures class
- Coded test cases with thousands of assertions checking for bugs in the code including edge cases
- Designed an API using a class with nodes using a binary tree with a linked list

File Compression (UIC)

May 2021

- Tasked with an in class assignment to build a Huffman Encoding Tree for Data Structures class
- Designed a program that compresses and decompress text files using Huffman encoding algorithm
- Coded a UI that interfaces with the user by taking the users inputs

Custom List Project

May 2022

- Designed a custom class to store data that is implemented using a doubly linked list with a C-array data member
- 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