Kody Smith

405 Burlington Street, Brighton, IL 62012

(618)803-8156

[kodysmith1998@gmail.com](mailto:kodysmith1998@gmail.com)

**Professional Summary**

I am an extremely hard-working employee that adapts changing environments quickly. My

strong work ethic and my team-focused attitude allow me to complete jobs on or ahead of

schedule and with high quality. Teaming with peers has played a critical role in my success to

complete larger projects by teaching me new ways to accomplish tasks. My goal is to be a

leader on my team and to bring new ideas and perspectives to my organization.

**Education**

BS – Computer Science, January 2021, Western Governors University

MTA Database Fundamentals, 2019

CIW Site Development Associate, 2019

AXELOS ITIL V4 Foundation, 2020

CompTIA Project+, 2020

**Major Languages Experience**

**C++** – Over one year of experience

**Java** – Over three years of experience

**Python** – Over one year of experience

**Projects**

**Class Roster – C++**

* A simple project where we were presented with five different student’s information – including my own information. The information included was the student’s ID number, Name, email, age, days in course, and degree.
* All of the pre-existing student information had some kind of logic error, such as white space, invalid characters, and so on.
* Project helped teach me to better differentiate and remove invalid entries.

**Business Organization Appointments – Java, JavaFX, and SQL**

* Created a traveling team’s appointment-scheduling application.
* The available locations for the team are located in Arizona, New York, and London; all of these locations had to have their time zone adjusted accordingly.
* Appointments could only be made within a certain time frame and any appointment out of that timeframe would be invalid. Appointments could not overlap other appointments either, otherwise it would come up invalid, as well.
* Customer information was implemented into the SQL, whilst application was created with Java and JavaFX.
* Project helped teach me advanced Java, such as time measurement.

**WGUPS Routing Program – Python**

* Objective was to send three ‘WGUPS’ trucks out to deliver 40 packages in a 140 miles radius. Our goal was to create a GPS system, to guide the drivers on a route to minimize total drive distance to reduce fuel costs.
* Managed to reduce the mileage and delivered every package in 100 miles.
* To accomplish the shortest distance possible, I used the best time-space complexity algorithm I could do. I chose a greedy algorithm with a time-space complexity of O(N^2).
* The project source data was provided in two MS Excel files: one with the customers’ address and one with the customers’ delivery notice – some customers had notices that also restricted certain trucks from delivering their package. The source data was converted to a CSV file to be more easily read into Python.

**Computer Science Capstone – Python**

* Capstone required students to create their own machine learning program. Chose to make a machine that would suggest music based off of user’s song they input. This project also required a user-friendly UI.
* Creating this required Python, Tensorflow, Keras, OpenCV, MATLAB, Pandas, CSV files, Sklearn, and Numpy.

**Job History**

**Bank Teller, 05/2018 – 10/2020**

* Learned to maintain composure and exercise professionalism while working with the

general public, sometimes in stressful situations.

* Team with fellow employees to provide the best experience for the customers.
* Responsible for large sums of currency, maintaining accurate counts and transactions.
* Strictly follow all processes and procedures of the bank and adhere to all federal

regulations to promote a safe, low-risk work environment.

**Pharmacy Technician, 01/2017 – 07/2017**

* Maintained the highest levels of quality, accuracy, and precision while filling orders.
* Sorted and filled prescriptions.
* Learned to work in a fast-paced environment.

**References**

**Jeremy Watters** – Liberty Bank Branch Manager

Cell: (618)741-9725, Business: (618)467-2000

**Tom DeClue III** – President of GRP Mechanical

Cell: (618)779-2016, Business: (618)258-9000

**Jason Hartsock** – Network Architect, The Boeing Company

Cell: (618)560-9149