Jori Duguid

Email:
joriduguid2@gmail.com

Linkedin: https://www.linkedin.com/in/jori-duguid-45aa6a260/

Github: https://github.com/joriduguid2

Mobile :
+1-587-439-5820

Technical Skills Summary

- Analyzed, designed and developed a database management solution to give users access to information about art objects, improving the way an art museum accesses and is able to manage information.
- Analyzed, designed and developed a program to read river flow data stored in a text file into a linked list to represent a database for annual records for an engineering firm that works on hydropower plants..
- Analyzed the design of digital circuits, designed new and more efficient circuits and tested the functionality of logic gates through experimentation.
- Developed a KNN classifier model to model accuracy predictions for the ratings of cars, including analysis of a confusion matrix.

Education

Calgary, AB
Sep 2021 - Present

- **University Of Calgary**
  BSc., Software Engineering; 2nd Year

  Courses: Machine Learning, Probability and Statistics, Differential Equations, Object Oriented Programming, Data Management, and Data Structures..

Skills Summary

- **Languages**: Python, C++, C, SQL, HTML
- **Tools**: GIT, XCode, Vscode

Experience

- **Vesta Properties**   Calgary, AB

  Construction Coordinator
  August 2020 - September 2022 (Summer Position)

- **Collaboration**: Collaborated with a dynamic team to efficiently execute a wide range of construction-related tasks, including expertly installing windows, executing intricate framing work, and expertly executing landscaping duties. Demonstrated strong teamwork and communication skills while effectively coordinating and problem-solving to meet tight deadlines and deliver outstanding results..
- **Adaptability**: The dynamic nature of the role necessitated the rapid acquisition of specialized skills, adeptly adapting to diverse and ever-changing tasks with ease..
- **Leadership**: Demonstrated exceptional leadership and initiative by successfully recruiting and overseeing the training of new employees, ensuring adherence to the company's high standards and protocols.
- **Entrepreneurship**: Proactively identified and seized opportunities for expansion to meet the evolving needs of the company's valued clientele. This included executing high-quality landscaping services for private homeowners with exceptional attention to detail..

- **ACT Medical Centres** Calgary, AB

  Pharmaceutical Delivery Driver
  May 2020 - August 2020

  ◦ **Delivery System for Recovering Addicts**: Assisted the implementation of a methadone delivery program, expertly coordinating medication organization, optimizing route planning, and effectively communicating with patients to aid in their recovery from opioid addiction..

- **Time Management:**Proactively sought out and successfully assumed increasing levels of responsibility, managing a growing patient base with a focus on efficiency and time management, resulting in the successful administration of medication on a larger scale.
- **Communication** : Efficiently aided the entire delivery operation, expertly coordinating between drivers and pharmacies to ensure seamless and timely deliveries, while also effectively communicating with patients to guarantee a smooth and satisfactory experience.
- **Self- Motivation:** Demonstrated exceptional ability to maintain motivation and focus, even in high-pressure environments with heavy workloads, by fostering a culture of self and team collaboration, leading to outstanding results.

Academic Projects

◦ **Arts Database Management Application**: Demonstrated understanding of SQL and python by populating a SQL database with art pieces for a museum and their information. Using this to create a user friendly GUI application to be able to manage the database in its entirety. The application was built in python and required skills such as, opening, reading and writing on files to manage the museums database.(Dec '22)

◦ **Calculator Application**: Successfully led a collaborative effort utilizing GitHub to develop a sophisticated terminal-based calculator application in Python, featuring robust functionality for basic mathematical operations and effective error handling capabilities. (Sep '22)