Adam Gumieniak

Computer Science Student

Contact:

Phone:

(905)-921-7994

Contact:

adam.gumieniak98@hotmail.com

github.com/iLooL

www.linkedin.com/in/adam-gumieniak-9b817816b

Education:

September 2016 – 2020:

Wilfrid Laurier University: BSc. Computer Science
3.2 GPA

Notable Coursework:

Algorithm Design
Android Programming
Artificial Intelligence
Computer Networks
Databases
Data Mining
Data Visualization
Data Structures
Image Processing
Parallel Computing
Software Engineering

Languages:

Proficient in: C, Python and Java

Familiar with: JavaScript, Bash, MySQL, HTML, CSS, Node.js

Tools and Software:

Software: Anaconda, Git, Visual Studio Code

Platforms: Unix and Windows 10

Enthusiastic and hardworking Honours Computer Science student skilled in teamwork, leadership and communication with a strong foundation in data structures, data analysis and full stack development. Greatly interested in the domain of data science and its applications to normal life. Seeking to gain professional level programming experience to further my knowledge and passion of programming.

Work Experience

Carmen's Group: Banquet Server & Bartender   (Sept '14 – Sept '16)
                                                 (May '18 – Sept '19)

• Served and interacted with guests at various events which includes weddings, charity events, and wakes

• Communicated between event staff and kitchen chefs to deliver a pleasant and well-timed experience to all guests

• Crafted and served speciality beverages to guests

JK Demo Services: *Demolition Specialist*   (May '17 – Sept '17)

• Coordinated with contractors and coworkers to take apart commercial and residential interiors and exteriors as according to blueprints

• Tasks were completed within a given time constraint and with a strong attention to detail

---

Projects

ReadMe News Summarization Website (https://readme-website.herokuapp.com/)

• Created a full stack web application using the MERN stack and deployed on Heroku
• Used Python to web scrape news articles which are then summarized using the NLTK Python library
• Designed API using Express.js for React frontend to interact with Mongo database

Interactive Geospatial Data Analysis of Canadian Earthquakes

• Developed an interactive GUI using the Tkinter Python library to visualize earthquake data
• The visualization of earthquake data was accomplished using pandas, geopandas and matplotlib
• Used a Jupyter notebook to contain all code in a readable format

Image Operations Library

• Worked in a group setting to develop various image processing functionalities using the C programming language
• Image operations include image scaling, convolutional filters, segmentation and digit recognition