

WAFIQ SYED Data Analyst | Programmer | Researcher

Versatile data analyst, programmer and biomedical researcher specializing in business optimization and automation using data-driven methods.

Data: SQL, Excel VBA/Macros, Tableau, Microsoft Access & Power BI

Programming: Python (Certified), Java, C, Swift (iOS), Bash, R

github.com/wafiqsyed

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416-553-6418

Mississauga, Ontario

WORK EXPERIENCE

Data Analyst - London Health Sciences Centre

09/2018 – 07/2019

London, ON

- Analyzed recordings and brain scans of over 80 Parkinson's patients to implement precise algorithm that pinpoints surgical target areas
- Developed Python application using PyQt, and machine-learning libraries Pandas, Numpy to visualize location of surgical tools during neurosurgery
- Provided tailored data mining service for researchers and physicians that transformed data into readable visuals

Vice President of University Student Council Club

- University of Western Ontario

06/2018 – 05/2019

London, ON

- Generated 120% increase in sales of Exam Care Packages by identifying misuse of resources from Excel spreadsheet data and solved issue by automating emailing system
- Lead the Orphan Sponsorship Committee (50 members) to increase funds by 17% through hosting creative student-tailored events
- Utilized social media marketing to gain over 15 corporate event sponsors

Marketing Data Analyst - Canadian Blood Services

06/2016 – 06/2018

London, ON

- Increased yearly recruitment number by 225
- Identified university students as missing demographic among donors and hosted an inter-residence donation campaign as a solution
- Managed data of all new donors and potential donors by connecting sign-up list with MySQL, introducing a sustainable method to connect with clients monthly

Junior Data Analyst - QSoft Consulting Incorporation

05/2015 – 12/2016

Toronto, ON

- Saved business \$23 000 per year by developing an Excel VBA algorithm to automate scheduling tasks

Research Assistant - Toronto Western Hospital – Krembil Neuroscience

05/2016 – 09/2016

Toronto, ON

- Analyzed interviews of 40 epileptic patients and post-surgical data
- Identified trends in patient responses that were included into pre-surgical interventions for future patients

EDUCATION

University of Western Ontario (UWO)

BSc: Medical Science and Computer Science (Double Major) 2019

RESEARCH PAPERS

Visualization of STN for Deep Brain Stimulation (shortened title)

SKILLS & COMPETENCIES

Certified in Python Programming (PCAP)

Object oriented programming (OOP)

Data: visualization, dashboarding, reports

Digital media - metrics, social media, video editing, graphic/UI design

Mobile/Web App Development – iOS, Android

Python libraries/frameworks: Numpy, Scikit-learn, Pandas, Matplotlib, PyQt, GUI

Communication - Public speaking

Lab: Pipetting, PCR, tissue culture, sample