Miguel Dario . Jarvis Consulting

My name is Miguel Dario, and I Graduated from the Business Technology Management program at Ryerson University, where I was exposed to fields such as data analytics, project management, and networking. I have previously worked as an intern for Manawa Networks where I developed strong stakeholder management skills through regularly meeting with clients to discuss gaps in their IT processes and how they can be improved using Manawa's IT solutions. In the same job, I was responsible for documenting various IT systems and standards. I have a passion for technology and enjoy learning about new technologies and how to make sense of it. I also enjoy interacting with a wide range of clients, learning about their business problems, and providing solutions to those through technology. I believe that these combined make me a great fit for a Business Systems Analyst role.

Skills

Business Skills: Documentation, Stakeholder Management, Presentation, Requirements Elicitation, Agile/Scrum, Leadership, Project Management, Time Management, Problem Solving, Communication

Technical Skills: Data Analytics with Python, Tableau, and R, RDMBS/SQL, Git/Github, Google Workspace, Microsoft Windows, Microsoft Word, Microsoft PowerPoint, Microsoft Excel (Pivot Tables/Formulas), Linux/Bash, Microsoft Visio, UML, BPMN, Google Cloud Platform

Jarvis Projects

Project source code: https://github.com/jarviscanada/jarvis_data_eng_MiguelDario

Linux Cluster Resource Monitoring App [GitHub]: Elicited requirements for a Linux Cluster Resource monitoring by meeting stakeholders such as the Cluster Administration team, Support Team, and Implementation team. Prepared a systems requirement document outlining the project scope, functional, and non-functional requirements, and data modelling to be used by the solution designer. Visualized the system architecture using draw.io The purpose of the system is to collect hardware information, and usage of each host and store it in an RDBMS for future planning purposes. The implementation consists of a monitoring agent with two bash scripts. One to collect hardware information, and another to monitor hardware usage every minute which will be automated using crontab. A PostgreSQL instance provisioned with Docker will be used to store the information.

Python Data Analytics [GitHub]: Partnered with London Gift Shop (LGS) to address stagnant wage growth from LGS in recent years. Requirements include a proof-of-concept analytics solution that will analyze customer shopping behaviour. Analyzed using Python, along with libraries such as Pandas, NumPy, SQLAlchemy and Matplotlib. Visualized the analysis using Jupyter Notebook. Data used for the project is sourced from a LGS' Azure SQL Server, and will be dumped into Jarvis' PostgreSQL data warehouse. The Jupyter Notebook and database are Dockerized. The analysis will be used by LGS' marketing team to create new marketing campaigns, and attract new customers.

Highlighted Projects

Business Intelligence and Analytics Final Course project: Utilized R to analyze a dataset for a fictitious Portuguese bank to predict whether a client will subscribe to a term deposit. Explored the data by plotting graphs representing customer age, and contact duration distribution. Analyzed the dataset using K nearest, and decision trees. Wrote a report outlining, the project objective, learning methods used, and findings in the data. Presented to the class using Google Slides.

Big Data Analytics Final Course project: Utilized Python (pandas, numpy, seaborn) to analyze a dataset of Mashable articles to predict the popularity of an article based on the number of shares on social media, and an online shopping dataset to predict if a user will end up buying something. Explored data splitting the data into training, and test datasets, and removing any blank rows. Implemented using k-nearest neighbour, decision trees, and support vector machine. Wrote a report outlining, the project objective, learning methods used, and findings in the data. Presented to the class using Google Slides.

On-boarding process documentation: Documentation of Manawa Networks' on-boarding process. The basic process consists of configuring up a new or existing workstation for an employee, creating their accounts in Microsoft 365, and the Active Directory, downloading requested applications, and shipping the workstation. Gathered requirements from Director of Technology Success. The main requirement of this document was for it to be written in such a way that anyone can understand and follow instructions without any help.

Professional Experiences

Technology Alignment Intern, Manawa Networks (Sep 2021 - Jan 2022): Documented IT systems and standards for over 25 clients across various industries, Attended regular inter-department meetings with internal, and external stakeholders to review current company standards, and suggest improvements in IT processes. Developed project management, and leadership skills through leading a project to migrate over 120 users to 2-factor authentication. Demonstrated problem-solving skills by providing technical assistance, and support by phone to end users in a friendly, and professional manner.

Education

Ryerson University (Sep 2019 - Jun 2021), Business Technology Management, Ted Rogers School of Management

Seneca College (Sep 2016 - Aug 2019), Business Administration, School of Business

Miscellaneous

- Python Bootcamp, Ryerosn University (2020)
- Tableau Bootcamp, Ryerson University (2020)
- R Bootcamp, Ryerson University (2020)
- Power of Excel Bootcamp, Ryerson University (2020)
- Video Games (Rainbow 6 Siege)
- Computers (Hardware, Software)
- Travelling, been to 8 countries