JUSTIN CHARBONNEAU

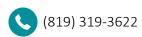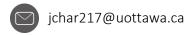📞 (819) 319-3622   ✉ jchar217@uottawa.ca   in linkedin.com/in/charbonneau217

CAREER SUMMARY

I am a business-minded professional and current graduate student with in-depth knowledge of data mining techniques and data manipulation. In the future, I wish to apply my data science knowledge to deliver insightful decisions and solutions that could help improve the processes.

EDUCATION

Master of Electronic Business Technologies (MEBT)   2018 – PRESENT
University of Ottawa, Engineering and Management faculties
Relevant coursework: Web Services, Internet Security, Data Mining and Concept Learning, Big Data and BI

Honours Bachelor of Commerce (Management information Systems and analytics)   2014 – 2017
University of Ottawa, Telfer School of Management   (Magna Cum Laude)
Relevant coursework: Business Data Mining, Predictive Analytics, Systems analysis and Design, Implementation of IS solutions, Applications of Statistical Methods in Business, Introduction to Computing I, Financial Management

WORK EXPERIENCE

Junior System Analyst / Programmer | Information Management and Technical Services
Department of Fisheries and Oceans Canada   DECEMBER 2016 – PRESENT

- Increased user engagement by creating a PowerShell script that generated personalised email notifications from the information in our database compared to general outreach

- Generated progress ad-hoc reports by using SQL queries for clients

- Developed SQL views which enabled users to generate their own reports in Cognos Query Studio

- Performed data collection, analysis and data entry

- Presented solutions to clients (Axios Assyst)

- Aggregating different sources of information (MySQL and SQL Server) to target missing information using a web application that I am currently building

  Tools: Axios Assyst, Cognos BI, SQL Server Manager 2014, MySQL, and PowerShell

During my work, I expanded my knowledge on configuration management and change management. I collaborated with the Client Portfolio Management team to develop proper solutions and meet their business needs. I gathered business requirements by interacting with clients on a weekly basis that were required for our configuration management database.

Junior Financial Analyst | Investment Planning & Analysis   APRIL 2016 – DECEMBER 2016
Department of Fisheries and Oceans Canada

- Analysed and compared financial data received as part of the Project Completion Report exercise

- Gathered and compiled information for the Statistics Canada annual expenditure survey

- Developed strong analytical thinking by analyzing reports and identifying inconsistencies

- Gained good time management by prioritizing tasks accordingly

Tools: Callipers web portal, Cognos Cubes, Advanced MS Excel Functions and Visualisations

I was the lead on the cleanup of the Callipers web portal application. I reconciled active projects with information found into Callipers to close inactive projects on behalf of clients.

SKILLS

Fluent in English and in French	R Programming Language
Secret Clearance Level	Understanding of Cloud Computing
Effective Communication and Leadership	Python Programming Language
Experience with Tableau visualization software	WEKA Data Mining Software
Time Series Analysis (Regression and more)	Self-taught SQL Language
Classification and Clustering Algorithms	Proficient MS Office Computer Programs
Exposure to Apache Spark	Experience with HTML, CSS and PHP

EDUCATIONAL ACCOMPLISHMENTS

- Boosted accuracy measures by tuning the parameters of various classifiers to find the best one for my data in Machine Learning and Concept Learning Class

- Forecasted Amazon's Revenue using different time series analysis techniques

- Preprocessed incomplete, noisy and inconsistent data using R language

- Creation of basic object-oriented programs using Python programming language in the Introduction to Computing I class

- Compared different supervised learning algorithms, such as C.5 Decision Tree, Bayesian Network and Neural Network using IBM SPSS Modeller on a dataset provided by UCI M.L. Repository

FUN FACTS

My favorite blog website is KDnuggets, as there is a lot of interesting data science and analytics posts. Furthermore, I enjoy going through past kernels on Kaggle.com to learn more about the different techniques people used for various data mining/machine learning problems.