BRADLEY CONLIN, Ph.Dc

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SUMMARY

Graduate of the University of Ottawa, Telfer School of Management's Master of Science (MSc), Performance Management, Ph.D. Candidate at the University of Ottawa Engineering and Telfer School of Management, in Data Science and Internet Security, with 15+ years of data experience.

- 10 + years in practicing Change Management within national, international and multinational corporate working environments reporting directly to SLT
- Advanced Machine Learning and Neural Network experience: self-learning, blockchain, anomaly detection, etc.
- 15+ years working and executing statistical analysis for small, medium and large-sized enterprises, with experience in finance, HR, marketing, sales operations, sales and business analytics
- Extensive system experience in data integration, data cleansing, ETL, system architecture, etc.

EDUCATION

The University of Ottawa, Telfer School of Management and The Faculty of Engineering, Ph.D. in Digital Transformation and Innovation, specializing in Data Science and Online Security, Ottawa, Canada
September 2018 – April 2022
- Queen Elizabeth II Graduate Scholarship in Science and Technology (QEII-GSST) Recipient

The University of Ottawa, Telfer School of Management, Master of Science in Management, specializing in Human Resource Management, Ottawa, Canada
September 2010 – December 2014
- School of Management Research Fund (SMRF) Recipient

The University of Ottawa, Telfer School of Management, Honours Bachelor of Commerce, specialization in Human Resource Management, Ottawa, Canada
September 2006 – August 2010

SKILLS AND RESEARCH

PROGRAMMING LANGUAGES/APPLICATIONS

Primary
- Python, R, JavsScript, HTML, CSS, SQL, Docker, Kubernetes, Tensorflow, MongoDB, ORANGE, ROS, AWS and Google Cloud, Tableau, Salesforce, Linux

RESEARCH
- Advanced Machine Learning approaches to Cyber Security:
  - Big Data, Big O, Open Source, CNN, RNN, Hybrid ML Methodologies
  - Anomaly Detection
- Security Application UX/UI for OpenWeb

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PROFESSIONAL EXPERIENCE

Part-Time Professor
University of Ottawa, Ottawa, Canada
August 2021 – Present

I am currently in my final year of my PhD, and the school has asked me to take over and teach the cybersecurity and system design with machine learning course at the graduate level. This course requires me to instruct students from around the world on advanced cybersecurity and machine learning applications.

Enterprise Sr. Business Support Analyst/Data Engineer
Entrust Datacard, Kanata, Canada
December 2017 – Present

My role at Entrust has grown from supporting SSL to the entire digital portfolio for worldwide sales. My role requires that I lead both a standalone analytics team, while also collaborating and leading multiple cross-functional teams. My dotted line to the organisation has allowed for extensive system, analytics and data science experience.

General Role Requirements:
   – Lead a team for ad-hoc and reoccurring data analytics, reporting and sytem design
   – Onboarding of new systems and technologies in the networking and analysis space
   – Sales Operations strategic leadership data clean up and upkeep of systems
   – Liaise with Sr. Management and Sales Management to create new business processes in SFDC to help with data integrity in business tools
   – QA data, system processes, functionality and form of different systems, reports and projects
   – Data clean up and integration into data systems to aid in strategic and sales operations

Special Projects:
   – Enterprise-Wide Restructuring
   – SFDC Business Process Updates and Data Clean up
   – Territory Creation and Quota Setting
   – New Account Tier Creation

World Wide Sales Operations Financial Analyst
Adobe Inc., Ottawa, Canada
April 2017 – December 2017 (9 months)

My role at Adobe was to work with different teams throughout the organization to improve world-wide analytics for the organization. While most of this experience was in sales, a significant amount of the data to be analyzed required the integration of HRMS, financial data and external data to the organization.

General Role Requirements:
   – Analyze key performance indicators to measure sales productivity and prepare reporting packages on monthly quarterly results/KPIs to executive management
   – As an integral part of the sales pilot testing team, provide input on strategy road maps and perform comprehensive analysis on the impact of on-going tests and make recommendations
   – Tracking and reporting plan vs variance for Quota, comp and budgets
   – Perform scenario analysis to evaluate the financial impact of new sales initiatives as part of GTM strategies

Special Projects:
   – Global Sales Ecosystem
   – Partner Sales Platform Refinements
   – Workday Integration

PROFESSIONAL EXPERIENCE (EXTENDED)

Performance Measurement Analyst
Service Canada, Gatineau, Canada
August 2016 – April 2017 (9 months)

My role with Service Canada was to create the new performance measurement framework for Canada.ca. This included the overall framework, strategy, evaluation tools, reports and analytics. The key to success in this role was to align analytic business requirements with overall Government of Canada and specific Service Canada business goals.

General Role Requirements:
– Assist in developing key performance indicators for Canada.ca performance measurement goals through using key policies and TBS Program Profile procedures
– Lead in the creation and reporting of a Performance Measurement, Web Analytics, Usability and Feedback reporting dashboard for Canada.ca

Human Resources/Change Management Consultant - HR Transformation Team
Canada Border Security Agency (Ottawa, Canada)
September 2015 – May 2016 (9 months)

At CBSA I was primarily in charge of updating and automating most of the HR processes in the organization. During this time I was able to learn a lot of the basics around system design and reporting with incomplete data. The primary suite I used in this position was MS Office, which was a challenge, but was aligned with business goals.

General Role Requirements:
– Lead and assist in the creation of briefing materials for executives and the agency as a whole on HR transformation via MS PowerPoint
– Analyst for the HR Transformation Team, LEAN Transformation, and the Collective Staffing Transformation Team

Human Resources Analyst
Performance Measurement Working Group
Service Canada, Gatineau, Canada
April 2015 – September 2015 (6 months)

While working for Service Canada in this role, I was primarily working as a project coordinator. This required the planning, meeting and executing of projects, meetings and deliverables to over 100 organizations and 1500 Government of Canada employees.

PERSONAL INTERESTS

– Robotics
    o Arduino, ROS, Depth Recognition and Perception, Autonomation,
– 3D Printing
    o Prototyping, Topography Design, OpenSource
– Anti-Fraud
    o Counter-Human Trafficking
    o Ethical Hacking
    o Penetration Testing