

ANDREW CHARABIN

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EDUCATION

Ivey School of Business, Western University, London, ON

September 2013 – April 2018

Alumnus

- Graduate from Master of Science in Management, Business Analytics (MSc BA) in April 2018.
- Graduate from Honors Business Administration (HBA) in April 2017.

RELEVANT EXPERIENCE

Voices

Senior Manager, Data Science

October 2021 – Present

- Instituted an organization-wide data science and analytics function by recruiting, onboarding, and mentoring a cohesive team of Data Scientists, cementing competitive edge for a leading voice over marketplace.
- Led a team responsible for centralizing metrics, uncovering insights, and optimizing KPIs with machine learning solutions for matching, pricing, and searching on the platform, creating a powerful engine to drive platform retention and liquidity improvements.
- Developed a proof of concept for a voice cloning service by building upon NVIDIA's Tacotron2 implementation, creating a scalable process for training models on newly recorded voices that includes an optimized loss function, warm start functionality, improved analytics tracking, and tools for audio normalization.
- Transitioned a rules-based platform matching system to an algorithm that prioritizes voice talent matches based on the likelihood of hire using an XGBoost model, increasing job hire rate by 5 points.
- Established a platform pricing recommendation system by using AWS lambda to execute SageMaker models that predict a job's price and response volume, and SageMaker Pipelines to enable automated CI/CD, improving job form conversion rates and expected job values.

Manager, Analytics

September 2020 – October 2021

Team Lead, Analytics

August 2019 – September 2020

- Established a centralized analytics capability to create a common analytical language, identify the most attractive areas for resource allocation, and ensure thoughtful strategic action across the organization.
- Managed a team of analysts and initiated workflow processes to create a sustainable flow of high caliber analytics.

Senior Financial Analyst

April 2018 – July 2019

Cancer Care Ontario

Summer Student Analyst

Summer 2017

- Analyzed the correlates of length of stay for Alternative Level of Care (ALC) patients using modelling techniques in R, leading to the first predictive analytics study of ALC patients in Ontario and providing insight to where reform should occur to reduce unnecessary costs and improve patient rehabilitation.

Danby

Pro-bono Consultant

September 2016 – December 2016

- Led a project to improve Danby Appliance's product innovation department by creating a customer-focused framework for idea creation, developing a model to predict commercial viability, and applying these processes to recommend an innovation that Danby has initiated into the research and development phase.

RELEVANT SKILLS AND INTERESTS

Programming/Software

- Python, SQL, AWS SageMaker & Lambda, Tableau, R.

Writer for Towards Data Science

2023

Western University Varsity Tennis Player

2013-2014 & 2014-2015

CERTIFICATIONS

AWS Certified Machine Learning Speciality

December, 2022