David Beallor

365 Bedford Park Ave, Toronto, ON, M5M1J9
david.beallor@queensu.ca | 647.868.8450
www.linkedin.com/in/david-beallor/
www.davidbeallor.com

EXPERIENCE

WAVE | Business Intelligence Co-op
May 2017 - Sep 2017 | Toronto, ON, Canada
- Agile managed startup looking to disrupt the fin-tech industry with cloud-based financial software.
- Responsible for mining actionable insights from a trove of transaction level financial data.
- Implemented statistical learning models to inform targeted marketing efforts, product design, and operational strategy.
- Took part in a company-wide rollout of a MicroStrategy data model to empower employees by providing an accessible, big-data reporting environment.

BELL CANADA | Business Intelligence Consultant
May 2016 – Jul 2016 | Toronto, ON, Canada
- A team-oriented summer experience with Canada's leading telecom service provider.
- Challenged to solve an internal case which aimed to better understand customer behavior, improve customer retention, enhance the brand image and optimize company operations.
- Responsible for analyzing call center and service roll data to inform prospective pricing models and strategy.
- Produced data visualizations and presentations using Tableau to communicate the team's findings to company executives.

CAMP MANITOU CANADA | Senior Canoe Trip Leader
Summers 2013-2015 | Parry Sound, ON, Canada
- Led three to six day expeditions for campers into the Northern Ontario wilderness, including isolated areas such as Algonquin Park, Killarney, Kukagami and Temagami.
- Acted as navigator, first aid provider, lifeguard, chef and counselor for campers of all ages, honing decision-making and risk management skills in high-pressure situations.

EDUCATION

QUEEN'S UNIVERSITY | Candidate for Bachelor of Engineering, 2018
Kingston, ON, Canada · Dean's List (All Semesters)
Fourth year in Applied Mathematics and Engineering within the Computing and Communications stream, combining an extensive curriculum in applied mathematics, computer engineering and computer science.

TECHNICAL EXPERIENCE

MUSICAL STYLE TRANSFER | An Application of Stochastic Learning
Culminating project that puts a twist on stochastic image restoration theory, using the same ideas to learn artistic style from a musical piece, and transfer this style to the content of a second piece.

CELLULAR SIGNAL EMITTING DRONES | A Challenge in Multi-Agent Systems
Dynamic MATLAB GUI that modeled the propagation of cellular signal via flying, signal emitting drones to a population of mobile users (specifically in Lake Louise, AB).

LANGUAGES AND TECHNOLOGIES
SQL • Python (incl. scikit-learn) • AWS (redshift, S3, Glue) • C++ • Java • Javascript • HTML • CSS
MicroStrategy • Tableau • MATLAB • SAS • Maple • Microsoft Office • Atlassian Suite (Jira, Confluence)

ADDITIONAL EXPERIENCE AND AWARDS

- Queen's University Principle's Scholarship for achieving an admission average of 95% or higher.
- Tanenbaum CHAT Mathematics Award (high-school mathematics award).
- Completed Andrew Ng's Stanford Machine Learning course offered by Coursera.
- Coding of Javascript based web-apps (e.g. data visualizations, fractal generators, web games).
- Avid guitarist, guitar teacher, and leader/conductor of the high school jazz band.