**Tom Callegari**

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**Summary**

Data engineer with a background in Sport Data Analytics and Machine Learning with skills in Python, R, SQL, MongoDB, Excel and visualization dash-boarding with JavaScript/HTML/CSS and R/Shiny. Passionate about continual learning and increasing data analytic skills, is a strong communicator who thrives in team environments and finds great satisfaction in extracting meaningful insights from complicated data.

**Technical Skills**

Python – R – Excel – Machine Learning **-** PostgreSQL / MySQL – MongoDB

**Projects**

**Scouting with AI** - [github.com/TomCallegari/ScoutingWithAI](https://github.com/TomCallegari/ScoutingWithAI)

* Data-science project that combines web-scraping, ETL processes and Python (Pandas, Numpy, Matplotlib, Tensorflow, Sklearn, PyMongo) to model amateur hockey players and their potential future value.

**Housing Prices Kaggle Competition** - [github.com/TomCallegari/MachineLearningWithR-HousingPrices](https://github.com/TomCallegari/MachineLearningWithR-HousingPrices/blob/master/housing.proj.v4.r)

* Demonstration of data science workflow with R using the Tidyverse packages dplyr, ggplot, caret, etc.

**Machine Learning Challenge** - [github.com/TomCallegari/machine-learning-challenge](https://github.com/TomCallegari/machine-learning-challenge)

* Machine learning project to explore, manipulate, build and then compare multiple algorithms and apply them to the NASA Kepler Space Telescope Exoplanet dataset.

**Experience**

Ticketing Analytics Intern **Toronto Argonaut Football Club** September 2017 – December 2017

* Built Season Ticket Holder Retention Model using R
* Front-office member of 2017 Grey Cup Winning team

Ticketing / Marketing Analytics Intern **MLSE** January 2018 – April 2018

* Built Ticket Sales Web App with R & Shiny to visualize ticket sales from Ontario Postal Codes

**Education**

Certificate, Data Analytics Bootcamp May 2019 – November 2019

**University of Toronto, School of Continuing Studies**

Advanced College Diploma– Sport Management - Honours, HRT Award2015 – 2018

**Humber College** – Etobicoke, Ontario