Jacob Danovitch

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WEBSITE

jacobdanovitch.me
Find out more about me at my personal website!

EDUCATION

Carleton University
B. Computer Science (Honors)
Algorithm Concentration
Grad. May 2021

SKILLS

Experienced:
Java, Python, R
Proficient:
React, HTML, CSS, SQLite, Git
Learning:
TensorFlow, PyTorch, Unix

ACHIEVEMENTS

Carleton Entrance Scholarship
RBC CUSEC Workshop (2nd)
Stanford Machine Learning
(Coursera) - Enrolled
AP Computer Science (Java)
AP English Language

ACTIVITIES

Carleton CS Society First Year
Rep
COMP1405 Study Group
Leader
Data for Good Ottawa
AA Youth Baseball
DECA Ontario

EXPERIENCE

Medimo Labs   July 2017 – present
Software Development Intern   Toronto, ON
- Built data visualization dashboard for doctors using React.
- Implemented search functionality for easier navigation.

STEM Fellowship   July 2017 – Present
Data Science Team   Various Locations
- Assisting in the organization of the Canada-wide Big Data Challenge.
- Creating data science workshops for the BDC covering topics such as K-Means Clustering and Gradient Descent.

Robin Taub Financial Consulting   July 2016 – Present
Web Developer, Student Consultant   Toronto, ON
- Consulting on content marketing/branding, preparing and editing presentation content.
- Currently redesigning website and blog with Wordpress API/React.

Northern Secondary School Basketball   Nov 2016 – March 2017
Assistant Coach, Analyst   Toronto, ON
- Creating strategic analytics for lineup optimization and play calling.

PROJECTS

JOUR1003 Student Group Selector
Carleton University, 2017
A clustering algorithm written in Python to assign students to groups. Led to strong marks and saved my professor from grouping over 100 students by hand.

Baseball Win Probability
Using a Random Forest model to estimate the win probability of a baseball game at any pitch.

talkaBOTit
Best Domain Name, Hack the North 2017
An IBM Watson chatbot that aims to make mental health care more accessible to those in need.