

Jacob Danovitch

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WEBSITE

jacobdanovitch.me
Check out my personal projects and 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
AP Computer Science (Java)
AP English Language
Stanford Machine Learning
(Coursera) - Enrolled

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.