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Gabriel Lluch

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Education

McGill University – Montreal, Canada September 2016 – Dec. 2018

- **Major:** Computer Science, B.A. **GPA:** 3.70
- **Notable Courses:** Algorithm Design, Database Systems, Artificial Intelligence, Applied Machine Learning, Computational Biology, Probability, Statistics

Work

Web Developer – Illustrated Domain May 2019 – Present

- Design features on client websites using the Corvid language by Wix

Certificates

The Complete 2019 Web Development Bootcamp – Angela Yu, Udemy June 2019

- **Description:** Comprehensive course covering full-stack web development. Learn by building fully-fledged websites using the latest technologies.
- **Tools and Tech:** HTML, CSS, Bootstrap, JavaScript, jQuery, Git, Node.js, Express.js, EJS, REST, APIs, Databases, SQL, MongoDB, Mongoose, OAuth Certificate

Deep Learning Specialization – Andrew Ng, Coursera April 2019

- **Description:** A 5-course specialization by deeplearning.ai. utilizing Python, pandas, NumPy, Matplotlib, TensorFlow, and Keras.
- **Courses: (1)** Neural Networks and Deep Learning, **(2)** Hyperparameter tuning, Regularization, and Optimization, **(3)** Structuring Machine Learning Projects, **(4)** Convolutional Neural Networks, **(5)** Sequence Models Certificate

Projects

Personal Website: gclluch.github.io/MySite/

Tic Tac Toe: gclluch.github.io/TicTacToe/

- Unbeatable tic tac toe engine powered by minimax. Written in vanilla JavaScript.

Neural Network: github.com/gclluch/numpyANN

- Artificial Neural Network written from scratch in Python using NumPy.

To-Do List: basic-to-do-list.herokuapp.com/

- Simple to-do list hosted on Heroku using MongoDB Atlas. Supports dynamic rendering.
- Utilized: JavaScript, HTML, CSS, MongoDB, Mongoose, EJS, Node.js

Yahoo Topic Classification: 10-Class Topic Classification

- Cleaned and processed raw data taken from Yahoo Answers using NLTK and pandas.
- Data exploration and visualization using Matplotlib and seaborn.
- Topic classification on both BBoW and tf-idf representations of documents using Multinomial Naïve Bayes, Linear SVM, and Logistic Regression from scikit-learn.

Skills

Languages: (proficient): Python, JavaScript (familiar): Java, C, C++, HTML, CSS, SQL

Tools/Libraries/Frameworks: Node.js, jQuery, Express.js, EJS, Bootstrap, Unix, Git, APIs, REST, MongoDB, Mongoose, PostgreSQL, pandas, NumPy, matplotlib, TensorFlow, Keras, scikit-learn