

Kelly Finnerty

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Education

McGill University, Montreal, Quebec, CA Fall 2016 – present

Major: Computer Science, Minor: Anthropology

Bachelor of Arts, 3.73/4.0 CGPA

University of Edinburgh, Edinburgh, Scotland, UK January – May 2019

Technical Skills

Languages: **Java, Python, C#, OCaml, Git, C++, C, Bash**

Web Development: **HTML, CSS**

Software: **Photoshop, Microsoft Office**

Work Experience

Product Applications Engineer, Analog Devices, Wilmington, MA, USA Aug - Dec 2019

- Create plugins for legacy DAC products to make compatible with new FPGAs and new versions of evaluation software. Debugged hardware and software issues
- Visual Studio Code, C#, ran lab bench, Jira and source tree

Lab Participant, AI For Social Good, Montreal, QC, CA May – June 2018

- Learned the basics of machine learning, attended startup networking events, worked on Energy for Good and presented it to Industry members

Projects

Improving the Baselines – (Paper PDF) <https://goo.gl/AdsYhd> November-December 2018

- Tried to improve the baseline results of a published machine learning paper
- Used Pandas and scikit-Learn to tokenize IMDB dataset, train Linear SVM and k-Nearest Neighbor, and tune the classifiers
- Co-wrote a report to present and analyze the results

Energy For Good – <https://github.com/sneha-desai/EnergyForGood> June 2018

- Co-created a reinforcement learning agent that models a micro grid for optimization of renewable energy in Python
- Contributed to Python code including keeping the code object-oriented, helped create a web application for the simulator using HTML, CSS and Flask, and researched wind energy for realistic implementation

Leadership

Vice President of Events, McGill Women in Computer Science Fall 2017 – Fall 2018

- Run site tours, speaker series, and workshops to promote women in computer science
- Collaborate with Montreal tech companies, McGill clubs, & professors to organize events