

MITCH MATHIEU

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Looking for Employment/Placement: Summer 2019 opportunities in data science, machine learning and software development
Current Job Status: Educator at lululemon athletica

EDUCATION

Bachelor of Computing, Queen's University, Kingston, ON **2017 – Present**

- Studying computer science, algorithms, logic and mathematics as well as programming in object-oriented, procedural, functional, logical and assembly languages
- Expected graduation: June 2020

Candidate for a Bachelor of Science, Queen's University, Kingston, ON **2014 – 2017**

- Studied chemistry for 2 years including analytical, organic and transition metal chemistry

PROJECTS

PetFinder Adoption Prediction, Kaggle Competition (top 15%) **2019**

- Analyzing categorical features, text and images to classify rescued animals based on their predicted adoption times
- Boosted score by extracting image features with a pre-trained convolutional neural network, allowing the model to incorporate image processing while running on limited hardware
- Practiced agile development to keep our team consistently focused and working on meaningful experiments

A Brief Introduction to Artificial Intelligence, Online course **2018**

- Co-created an online course on the topic of artificial intelligence that is in the process of being ratified by Queen's University
- Researched and wrote a 400 page text and created assignments and examinations to make more resources available to students interested in AI
- Applied a thorough editing and feedback process amongst our team to ensure the material was of the highest quality possible

PROFESSIONAL EXPERIENCE

Educator, lululemon athletica, Kingston, ON **2017 – Present**

- Using exceptional interpersonal skills to create genuine connections with guests and foster a community focused on personal growth
- Utilized excellent communication skills and extensive product knowledge to contribute to the three most successful days in lululemon Kingston's history

Crew Chief, Student Works Painting, Kingston, ON **2015-2016**

- Managed groups of 2-3 workers on job sites to make sure work was being completed in a timely and professional manner, as well as solving problems that arose and addressing concerns from clients to ensure they were consistently impressed with the work being done in their homes
- Contributed to nearly \$300 000 of completed work in 2 years and the full-time summer employment of over 20 students

EXTRACURRICULAR EXPERIENCE

enLIGHT Hackference, Start-Up Conference and Hackathon, Toronto, ON **2017**

- Participated in a 24 hour hackathon to create a business idea and pitch it to a panel of judges by explaining implementation, market strategy and prototypes of the idea
- Our idea was to help decrease excavation times at construction sites and increase profit for contractors by optimizing the routes of excavation trucks through Toronto based on time-dependent data about traffic lights in the city

SOFTWARE SKILLS

Languages: Python, Java, SQL, C/C++, Bash, Git, HTML, CSS, Javascript, Haskell, Prolog

Software: Data analysis (Python in Spyder and Jupyter Notebook), machine learning (keras, scikit-learn, pandas, numpy)

INTERESTS

- I have played competitive hockey, rowed for Queen's University, trained for powerlifting and currently train at a crossfit gym