

# MITCH MATHIEU

14mm37@queensu.ca | 613-484-6806 | <https://ca.linkedin.com/in/mitchmathieu> | mitchmathieu.github.io

**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