

# Lam Uong

Github: <https://github.com/LamUong>

Personal Website: <http://52.53.186.250/>

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## EDUCATION

### McGill University

Montreal, Quebec

Bachelor of Science in Joint Major Computer Science and Biology (2013 - Present)

GPA: 3.71 / 4.0

## WORK EXPERIENCE

### McGill University

Machine Learning Research Assistant, Prof. Rustam Z. Khaliullin lab (June 2016 – Present)

- Implemented Gaussian Process for regression, to accurately predict water molecules energy with input coordinates
- Designed algorithms to detect molecular clusters for Quantum Mechanics energy derivations.

### Greybox Solutions

Software Engineer (July 2015 – October 2015)

- Developed a large scale Content Management System and Web application for CAE Inc in two months.
- Created a web simulation of the periodic database loading procedures of different airplanes.

### Goodman Cancer Research

Biochemistry Research Assistant, Prof. Alain Nepveu lab (July 2014 – March 2015)

- Successfully provided accurate data on the effects of Cux mRNA knockdown on drug treated and irradiated cancer cell lines using proliferation, cell death and clonogenic assays.

## SIDE PROJECT

- Implemented a Convolutional Neural Network for Facial Expressions Recognition with state of the art results for FER-2013 dataset. Link: <http://52.3.186.250/myapp/>

## EXTRACURRICULAR ACTIVITIES AND VOLUNTEER EXPERIENCE

### McGill Computer Science Undergraduate Society (CSUS)

Science Representative (2015)

- Attended Science Undergraduate Society assemblies, and voiced opinions to aid in the further development of the club.

VP Communications (2015 – 2016)

- Helped manage websites and made announcements by social media
- Assisted in planning social and employment events for several hundred computer science students.

## SKILLS

**Languages and Technology:** Python, Django, Java, HTML, CSS, Content Management System, Git, Amazon Web Services.

**Machine Learning:** Convolutional Neural Network, Gaussian Process.