

# Lucas Langer

## CONTACT

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## LINKS:

Linkedin: lucas-langer  
Github: lucaslangier

## EDUCATION

McGill University, Montreal, QC  
Bachelor of Science, September 2014 - July 2017 (Expected)  
Mathematics and Computer Science CGPA. **3.97/4.0**

## EXPERIENCE

<b>Software Engineering Intern</b>	Twitter	<b>Upcoming</b> January-April 2017
	San Francisco, CA	

I will be interning with the Core System Libraries Team. They develop the back-end infrastructure for Twitter. Their projects include Finagle, Util, Twitter Server, and Scrooge.

<b>Machine Learning Researcher</b>	McGill RL Lab	May-September 2015
	Montreal, QC	

Designed, implemented, and tested a novel spectral learning algorithm for making predictions in partially observable environments. Applications include robotics, medical time-series, natural language processing, and more.

<b>Volunteer Camp Counsellor</b>	McGill Computer Science Camp	July 2014
	Montreal, QC	

Gave programming tutorials to graduating high school students . Helped design and organize robotics competitions (sumo-wrestling, maze navigation).

## PUBLICATIONS

Lucas Langer, Borja Balle, and Doina Precup. "Learning Multi-Step Predictive State Representations". 13th Annual Conference on Artificial Intelligence, AAAI 2016.

Lucas Langer, Borja Balle, and Doina Precup. "Multi-Step Predictive State Representations". Time Series Workshop, NIPS 2015.

## COMPUTER SKILLS

Primary: Java, Python  
Secondary: OCaml, C  
Web: HTML, CSS, Bootstrap  
Other: Bash, SQL, LaTeX

## HONOURS AND AWARDS

NSERC Research Award: \$5625  
Dean's Honour List: Top 10%

## EXTRACURRICULAR ACTIVITIES

Investment Committee, Stock Analyst Program  
Mchacks (flight simulator), Codejam (recognizing faces)  
Computer Taskforce Volunteer

## LANGUAGES

English: fluent  
French: limited working proficiency  
German: limited proficiency