

LAUREN FRATAMICO

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Data Scientist • QI-Leap Inc.

1410-409 Granville St. Vancouver, BC V6C 1A3

EDUCATION

University of British Columbia
Master of Science, Computer Science

February 2016

University of California, Berkeley
Bachelor of Arts, Computer Science

May 2013

INDUSTRY EXPERIENCE

QI-Leap Inc.
Data Scientist

July 2016 - present
Vancouver, BC

SAP
Cloud Analytics Developer

February 2016 - June 2016
Vancouver, BC

Google
Software Development Intern

May 2013 - August 2013
San Bruno, CA

Intel
Software Engineering Intern

May 2012 - August 2012
Santa Clara, CA

ACADEMIC EXPERIENCE

**indicates a paid position*

UBC Computer Science Department
Graduate Researcher*

August 2013 - February 2016
Vancouver, BC

UBC Sauder School of Business
Graduate Researcher*

June 2015 - present
Vancouver, BC

UBC Computer Science Department
Teaching Assistant - Human Computer Interaction (CPSC 344/544)*

August 2013 - May 2014
Vancouver, BC

UC Berkeley School of Information
Undergraduate Researcher

September 2012 - December 2013
Berkeley, CA

UC Berkeley Political Science Department
Undergraduate Researcher*

June 2012 - August 2013
Berkeley, CA

UC Berkeley AMP (Algorithms, Machines, People) Lab
Undergraduate Researcher*

October 2011 - January 2013
Berkeley, CA

Berkeley Institute of Soft Computing
Undergraduate Researcher

August 2012 - January 2013
Berkeley, CA

PUBLICATIONS

Journal Articles

- **Fratamico, L.**, Conati, C., Roll, I., & Kardan, S. (Under Review). *Applying a framework for student modeling in interactive simulations: comparing data representation granularity to handle environment complexity*. International Journal of Artificial Intelligence in Education.

Conference Proceedings

- **Fratamico, L.**, Perez, S., & Roll, I. (Under Review). *A visual approach towards understanding how students learn in complex environments*. Proceedings of the 4th ACM conference on Learning @ Scale. ACM.
- Conati, C., **Fratamico, L.**, Kardan, S., & Roll, I. (2015, June). *Comparing representations for learner models in interactive simulations*. International Conference on Artificial Intelligence in Education (pp. 74-83). Springer International Publishing.

- Blumenstock, J., & **Fratamico, L.** (2013, December). *Social and spatial ethnic segregation: a framework for analyzing segregation with large-scale spatial network data*. Proceedings of the 4th Annual Symposium on Computing for Development (p. 11-20). ACM.

CONFERENCE PRESENTATIONS

Artificial Intelligence in Education

Comparing representations for learner models in interactive simulations

June 2015

Madrid, Spain

EXTRACURRICULAR ACTIVITIES

GIRLsmarts4tech

Workshop Volunteer and Coordinator

November 2013 - February 2014; January 2016 - February 2016

Vancouver, BC

Let's Talk Science

Science Fair Mentor

October 2015 - February 2015

Vancouver, BC

TECHNICAL STRENGTHS

Computer Languages

Python (6 years), Javascript (2 years), Java (2 years)

Statistical Software

Weka, NumPy, SciPy, R, SPSS, MATLAB

Databases

Some experience with relational databases and SQL