

Soren A. Larson

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EDUCATION

Harvard University

S.M. in Computational Science & Engineering, GRE: 710V, 790Q

- Relevant coursework: Advanced Machine Learning, Time Series Analysis, Stochastic Optimization

Cambridge, MA
Expected May 2014

Columbia University

Post-Bac Study, GPA 3.67/4.0

- Relevant coursework: Measure Theory, PhD Courses: Analysis & Probability, Continuous Time Martingale Theory & Stochastic Calculus

New York, NY
2011-2013

Swarthmore College

B.A. in Economics, Music & Mathematics, Overall GPA 3.44/4.0

- Relevant Coursework: Data Structures & Algorithms in C++, Advanced Econometrics
- Awards: Winner, Swarthmore College Concerto Competition 2010, Glazunov Saxophone Concerto; Swarthmore Music Department Presidential Scholarship 2010, 2011

Philadelphia, PA
June 2011

EXPERIENCE

The Dating Ring

Research & Stats Consultant

- Drafted, reviewed, and prepared VC pitch for pitch competition at 2013 Reaching Out MBA conference in New Orleans
- Devised machine learning many-sided matching algorithm with novel data exploits for development
- Conceived of and developed stochastic user-base & profit projection models with price plans unprecedented in online dating space. Persuaded founding team to pursue radical pricing plans
- Publicized The Dating Ring by leveraging contacts at Business Insider and Columbia Business School

Brooklyn, NY
April - Current

Columbia Business School

Research Assistant

- Conducted empirical research on mortgage market foreclosure contagion & causal personal bankruptcy mechanisms; structured and managed 300+GB of data
- Streamlined legacy data cleaning code to reduce runtime by 97%. Programmed Python algorithm to pull, organize, and clean over 300GB of data from Google Maps, PACER and SEC Edgar
- Educated & guided new research assistants on basic data structures & algorithms in Python and complex econometric modeling

New York, NY
June 2011-August 2013

University of Chicago Booth School of Business

Research Assistant

- Explored and structured data from Malawi on commodity prices, employment and migration
- Evaluated relationship between cell phone coverage availability and prices, employment, and demographics
- Paper accepted by National Bureau of Economic Research

Chicago, IL
May-August 2010

Swarthmore College Phoenix & Daily Gazette Newspapers

Opinion Columnist

- Authored 10+ opinion columns on financial & environmental regulation, inequality, & health reform. Circulated to 8,000+ readers

Philadelphia, PA
2009-2010

LEADERSHIP

Swarthmore College Department of Economics

Teaching Assistant

- Helped 20 students / week on problem sets and clarified lecture & textbook material
- Graded 35 problem sets every other week with detailed remarks

Philadelphia, PA
Fall 2009

Central Park Skate Patrol

Volunteer Skate Clinician

- Coached 5+ new inline skaters / month in inline skating & braking technique on Central Park 6.1 mile loop

New York, NY
Summers 2012, 2013

SKILLS & INTERESTS

Computer skills: Expert in Matlab, STATA, R, \LaTeX ; Frequent User of Python, Excel; Basic Knowledge of C++

Language skills: Conversational Spanish, Native English

Activities:

- Inline Speed Skating: practice weekly during the summer with Empire Speed Team in New York 2012, 2013
- Boxing: Trained daily at Trinity Boxing Gym in Financial District, NY Summer 2013
- Machine Learning: Authored machine learning algorithm to recognize psychopathic Twitter users with 84% accuracy