FINBARR TIMBERS

Languages: English (native), French (conversational— DELF B2).
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Profile

Master's student in econometrics at the LSE. PT policy researcher with the Legislative Assembly of Alberta. Previously: research assistant in mathematical finance.

Experience

Legislative Assembly Office — Edmonton, AB
Research & Policy Analyst — May 2014 — Present

- Lead financial policy researcher for one of the opposition parties.
- Created data mining programs using Bash and Python to gather and process political data.

University of Alberta — Edmonton, AB
Research Assistant — May — August 2013

- Modelled the behaviour of the prisoner's dilemma in continuous time.
- Wrote a simulation to find potential equilibria of the prisoner's dilemma in Matlab.
- Awarded a highly competitive grant (NSERC USRA) to pursue the work.

University of Alberta — Edmonton, AB
Research Assistant — Jan. — August 2013

- Studied the efficiency of judicial decisions in American antitrust law.
- Awarded a competitive grant (URI stipend) to conduct the research.

Education

London School of Economics — September, 2014 — July, 2015
M. Sc. Econometrics & Mathematical Economics

University of Alberta — 2010 — 2014
B. Sc. (*Hons*) Mathematics & Economics, First class honors

- Silver medallist in Mathematics (2nd highest GPA out of all honors math students).

Publications

Aggarwal, K., Rutgers, T., Timbers, F., Hindle, A., Greiner, R., and Stroulia, E. "Detecting Duplicate Bug Reports with Software Engineering Domain Knowledge." 22nd IEEE International Conference on Software Analysis, Evolution, and Reengineering (SANER).

Projects

Kaggle — May 2014 – August 2014
Kaggle is a platform for data prediction competitions. Competitions:

- Used machine learning tools to predict expected fire losses for insurance policies. Used Numpy & Scipy to train a random forest on a small subset of the data. Ranked 326/644.

Incanter — April 2014
Incanter is a statistics & data analysis library for Clojure. Contribution:

- Added code to calculate Goodman and Kruskal's gamma coefficient.
- Contribution included unit tests & documentation, and was done in Clojure.

Skills

Programming

- Languages: Python, Bash, Javascript, R, Matlab, LaTeX. Learning: C++, Java, Visual Basic.
- Tools/Frameworks: Git, Unix utilities, Emacs, Hadoop, Weka.