

# KEVIN CHOU

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Toronto, ON, Canada

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## EDUCATION

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### **M.Sc. Statistics — GPA 3.8/4.0**

*September 2012 - June 2013*

*University of Toronto, Toronto, Ontario, Canada*

- Courses Include:

- Data Mining & Machine Learning    - Advanced Monte Carlo Methods
- Statistical Computation                - Stochastic Models in Investments

### **B.Sc. Mathematics and Statistics — GPA 3.9/4.0**

*September 2006 - June 2012*

*McMaster University, Hamilton, Ontario, Canada*

- Graduated Summa Cum Laude

## EMPLOYMENT HISTORY

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### **Financial Data Analyst**

*September 2013 - Present*

*Strategic Analysis Corporation – Toronto, Ontario, Canada*

- Independently developing and carrying out several research projects under minimal supervision.
- Retrieve data for analysis from Standard & Poor's Xpressfeed database by writing complex SQL queries in Microsoft SQL Server. Examples include joining several time series tables of differing frequencies, as well as imputing any missing values.
- Evaluate the performance of the company's propriety trading strategies through backtesting using statistical techniques such as logistic regression.

### **Teaching Assistant**

*September 2012 - April 2013*

*University of Toronto – Toronto, Ontario, Canada*

- Organized and led tutorials for second-year level statistics courses, with 40 students per section
- Designed and graded weekly quizzes, midterms and exams, providing feedback to students in order to strengthen their understanding of statistical inference and survey sampling.
- Supported students experiencing difficulties in the course through regular office hours and meetings

### **Research Assistant**

*May 2011 - April 2012*

*McMaster University – Hamilton, Ontario, Canada*

- Coded programs to extract variables of interest from raw ECG data, such as heart rate and heart rate variability, and performed statistical analysis using MATLAB and R.
- Analyzed and presented papers in the field of biophotonics to fellow peers and supervisors on a biweekly basis.

## PROFESSIONAL DEVELOPMENT

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GitHub:

<https://github.com/kevchou>

Published Android Applications:

<https://play.google.com/store/apps/developer?id=Kevin+Chou>

Completed courses from Coursera.org:

*Machine Learning* - Stanford University

*Introduction to Data Science* - University of Washington

*An Introduction to Interactive Programming in Python* - Rice University

## SKILLS & EXPERTISE

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**Programming:** R, Python, SQL, Java, MATLAB, HTML/CSS, Git, L<sup>A</sup>T<sub>E</sub>X

**Software:** Emacs, Microsoft SQL Server/Excel/Access

## LANGUAGES

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English, Conversational Mandarin