

Jason Liu

131 Barbara Drive
Yardley, PA 19067

267-907-2112 • jasonliu.314159265@yahoo.com

Personal Summary

A highly motivated Statistics Graduate-to-be who is able to provide key data analytical support to company managers. Ambitious and looking forward to being part of a team whose role is to analyze data and to produce conclusions for the company and its leadership. Experience in data analysis, including time series forecasting and categorical data, and producing regularly scheduled reports as well as reviewing internal company processes to advise and on whatever improvements that could be made.

Looking to join a company that offers long term career prospects and also offers opportunities to study towards a doctorate in statistics degree.

Education

Drexel University, Pennoni Honors College
Bachelor of Science in Mathematics

Philadelphia, PA
Transferred Fall 2013

University of Pennsylvania
Bachelor of Arts in Mathematics

Philadelphia, PA
Graduated May 2016

Temple University
Masters of Science in Statistics

Philadelphia, PA
Anticipated Graduation: December 2018

Temple University
Doctor of Philosophy in Statistics

Philadelphia, PA
Anticipated Graduation: May 2022

Honors and Awards

National Merit Finalist Scholarship, 2012
Dean's List, 2012 – 2013

Work Experience

STAR Scholars
STAR Scholar

Philadelphia, PA
June-August 2013

- Studied partial differential equations to apply it to questions in fluid dynamics
 - Used MATLAB to simulate PDEs
 - Applied PDEs to the field of fluid dynamics, specifically to the study of dynamic fluid film equations and their applicative uses, including analyzing the relation to Laplace's classical surface tension model
-

Penn Department of Psychiatry
Data Assistant

Philadelphia, PA
September 2015-May 2016

- Transferred big data from paper to the database system and performed validation to ensure data integrity
- Archived and stored the department's historical patient level data
- Processed files from entry to de-identification

Jason Liu

131 Barbara Drive

Yardley, PA 19067

267-907-2112 • jasonliu.314159265@yahoo.com

Penn Mathematics Department

Teacher Assistant

Philadelphia, PA

September 2015-Present

- Conducted recitations for the professor's mathematics lectures
 - Administered and graded quizzes
 - Archived and organized class grades
 - Served as proctor for the finals and assisted in grading the final exams
-

Skills

- Computer skills: Microsoft Office (Excel, Powerpoint, Word, Publisher), Adobe Acrobat, MATLAB, Java, R
 - Lab skills: Able to work in a team in a laboratory environment in performing experiments and completing projects
 - Presentation skills: Create and present well-designed presentations (Particularly on Microsoft Powerpoint) for conferences
 - Language skills: Conversational in Mandarin
-

Relevant Coursework

- Math courses: Partial Differential Equations, Mathematical Analysis, Linear Algebra, Multivariable Calculus, Complex Analysis
 - Business courses: Macroeconomics, Microeconomics
 - Statistics courses: Probability & Statistical Theory, Statistical Methods, Applied Multivariate Analysis, Categorical Data Analysis, Time Series Analysis Forecast, Business Statistics
 - Physics courses: Mechanics, Electricity & Magnetism, Physical Chemistry
-

Activities

- Member, Drexel Math and Computer Science Club, February 2012 – May 2013
- Volunteer, St. Lawrence Rehabilitation Center, May 2011 – September 2011
- Volunteer, Bucks County Free Library, June 2011 – August 2012
- Treasurer, HELP Sino-U.S. Cultural Exchange Program, July 2011