

Zijing LIN
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EDUCATION

Brown University

09/2013-05/2017

Concentration: Applied Math—Advanced Economics

Main Mathematics Courses:

Multivariable Calculus, Linear Algebra, Real Analysis

Main Applied Mathematics Courses:

Differential Equations, Probability and Statistics, Operations Research: Deterministic Models

Main Economic Courses:

Game Theory, Welfare Economics and Social Choice Theory, Behavioral Economics,
Economic Development, International Trade, Econometrics, Corporate Finance,
Investments, Financial Accounting

Harvard University Summer School

Summer 2015

Tragedy: Ancient to Modern, Urban Economics

Duke University

10/2016

Coursera online course: Programming foundations with JavaScript, HTML and CSS

Peking University

10-12/2016

Coursera online course: Medical Statistics and SPSS (Basis)

PUBLICATIONS COAUTHORING

2016

Transition Adjacency Relation Computation Based on Unfolding: Potentials and Challenges,
with Jisheng Pei, Lijie Wen, Xiaojun Ye, and Akhil Kumar,
in C. Debruyne et al. (Eds.): OTM 2016 Conferences, LNCS 10033, pp. 61–79, 2016.

RESEARCH EXPERIENCE

Research Assistant for Professor Lijie Wen in School of Software, Tsinghua University

08/2016-09/2016

Reviewer for BPI Challenge 2016 and SCI paper

Reviewed papers of BPI Challenge 2016:

Identification of Distinct Usage Patterns and Prediction of Customer Behavior and

Usage analytics Using Process Mining Key Finding for the Dutch Employee Insurance Agency

Reviewed paper *Resolving Inconsistencies and Redundancies in Declarative Process Models*
(IS 2015 248)

Exposed to various Software frameworks and tools employed for data preprocessing
and analysis such as Disco, Java, and ProM5.2

Learnt diverse process mining techniques to identify usage patterns

Learnt how to address inconsistencies and redundancies in declarative process models

Coauthor of *Transition Adjacency Computation Based on Unfolding Potential and Challenges*

Did research on Transition Adjacency Relation (TAR), CF (causal footprint), BP (behavior profile),
SSDT (short succession distance between tasks), and PTS (principal transition sequence),
put TAR computation in the context of Petri net unfolding for enhancement

Wrote Introduction part of the paper

Prepared data

Research Assistant for Professor Yida TANG at the Department of Coronary Heart Disease in National Center for Cardiovascular Diseases, China (NCCD), Fuwai Hospital, Chinese Academy of Medical Science & Peking Union Medical College **12/2015-01/2016**

Participated in The FOURIER, a double-blind, randomized, placebo-controlled multicenter study to assess the efficacy of the PCSK9 inhibitor AMG145 in patients with cardiovascular diseases

Assessed the impact of extra LDL-C reduction on major cardiovascular events when AMG 145 combined with statin therapy was used in patients diagnosed with cardiovascular diseases

Input medical data

INTERNSHIP

Delegate of The Third G20 Finance Ministers and Central Bank Governors Meeting in 2016 held in Chengdu, China **07/2016-08/2016**

Worked for preparation of G20 Summit held in Hangzhou, China in
Ministry of Finance of the People's Republic of China

Engaged in the preparatory work for The Third G20 Finance Ministers and Central Bank Governors Meeting in 2016 held in Chengdu, China

Worked in the media group, recorded the content of the conference

Wrote the press release, the bulletin of Finance Ministers and Central Bank Governors Meeting, and the audio transcript of the meeting

Worked as the Liaison Officer

Analyzed and wrote a report about the effects of Brexit

Analyzed and wrote a report on the Pros and Cons of China's Joining Paris Club

Translated documents and letters

Market Analyst in Manufacturing, Agriculture, and Services (MAS) Group in International Finance Corporation (IFC, World Bank Group), Beijing, China **07/2014 – 08/2014**

Analyzed China's infant milk formula market, collected data and presented a report by PPT

Researched and analyzed Southeast Asian countries' feed market

Made and analyzed financial statements

PROFESSIONAL SKILLS

Programming: Matlab, JavaScript, HTML and CSS, Java

Statistical Analysis Software: Stata, Maple, SPSS

Language: Fluent in English, Native in Chinese