

CHANGQING FU

(+86) 18964037231 ◇ cqfu13@fudan.edu.cn

1415 East Guanghua Tower, 220 Handan Rd ◇ Yangpu, Shanghai, PRC 200444

EDUCATION

Fudan University

School of Mathematical Sciences

July 2013 - Present

Shanghai

INTERNSHIP EXPERIENCE

Central China Securities

Internship, Department Financial Engineering

Jul 2015 - Sep 2015

Shanghai

- Realized several profitable Financial Models via Matlab and Data API provided by *Wind Info* Company; accomplished event-driven strategy and tested on real-time dataset

State Grid Corporation of China

Research Assistant

Jun 2016 - Present

Shanghai

- Solved 24-hour short-term grid load forecast problem at an average error of 2%(in some published papers, this outcome is about 5%), specifically with Support Vector Machine and Discrete Wavelet Transform Model, and accomplished online-learning in reality by proposing an R API
- Explored different factors relating to PM 2.5 based on data present

ACADEMIC EXPERIENCE

Summer Program in Economics Education (ISEE)

Rothberg International School, Hebrew University of Jerusalem

Aug 2015

Jerusalem, Israel

- Attended courses including Microeconomic, Econometrics, Macroeconomics, Political Economy, Finance, Game Theory, etc. taught by leading Hebrew University faculty, and conducted a workshop research in Econometrics

National Conference for Outstanding Undergraduates in Basic Sciences

Harbin Institute of Technology

Sep 2016

Harbin

- Represented Fudan University (1 student for each major) to attend the conference, together with students from 19 top universities in China
- Hosted the branch conference in Mathematical Sciences and introduced our academic researches.

Innovation Project

Innovation Center, School of Mathematical Sciences, Fudan University

Nov 2015

Shanghai

- Worked in a group of two and proposed a video flame detection model in the paper (*Flame detection model based on Baye's Formula and Markov Model*), and tested the model with with OpenCV and C++

Judge Business School

Selwyn College, University of Cambridge

Jan 2014

Cambridge, UK

- Attended lectures given by Cambridge professors and entrepreneurs in McKinsey, EasyJet, etc. and got A+
- Led a group of 7 people in a business case study competition and won the top prize

EXTRA-CURRICULAR ACTIVITIES

Harvard HSYLC Summit & Hweek program

Delegate

Oct 2013

Boston, USA

- Attended Harvard Undergraduate courses and had luncheons with professors, together with 30 delegates selected among 600+ delegates in the Summit (Beijing & Shanghai), who was selected among 5000+ students in China

"Fudan's Got Talent" Show

Championship

Oct 2014

Shanghai

- Won the Championship competed by more than 100 candidates university-wide with Bamboo Flute performances; the final was held in a city square (previously passed top level in Chinese Bamboo Flute Graded Examination)

AWARDS

The Mathematical Contest in Modeling (MCM)

Honorable Mention

Jan 2016

the Consortium for Mathematics and Its Applications

- Distributed educational funds through data analyses, using modified Analytic Hierarchy Process model