Zhengtao Cai

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EUDCATION

THE UNIVERSITY OF EXETER	**Devon, UK**
College of Engineering, Mathematics and Physical Sciences	**2014.10-2017.06**

Bachelor of Science in Mathematics

- CGPA: 3.7

Courses

The C family,   Advanced Statistical Modeling,   Statistical Modeling,   Bayesian Statistics, Philosophy and Practice (and other pure maths modules)

RESEARCH EXPERIENCE

Predictability of quasi-biennial Oscillation	**2016.09-2017.01**

- Developed strong teamwork skills through helping each other with the different models.
- Study the quasi-biennial oscillation (QBO) by trying the "Quasi-Binomial generalised linear model (GLM)", the "Gaussian Process (GP) model" and finally the "Delay-embedding model" and comparing the models.
- Analyzed the effects of QBO in diverse industries via referring to literatures and discussing with the industry experts; looked for scientific principles of the occurrence of QBO.
- Increased the abilities of gathering, processing and analyzing data.

INTERNSHIP EXPERIENCE

SHANGHAI SUNTIME INFORMATION TECHNOLOGY	**2016.07-2016.08**

Member of Product Researching & Developing Department

- Verified operational information for financial products, including fund managers' background, corporations' type and state of operation.
- Assisted the supervisor to compile business reports, and gained composure to how to analyze these data.
- Conducted research on Risk Parity Portfolio by reading related literature and explained the principle of the portfolio to colleagues.

SKILLS & INTEREST

Language skills: Native in Chinese; Fluent in English

Programming tools: R, C, C++