Shijia Jin

CONTACT INFORMATION

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EDUCATION

School of Mathematical Sciences, Monash University

Honours in Mathematics (Probability), H1, 2018

- Dissertation Topic: Analysis of Stochastic (Partial) Differential Equations
- My project is on studying the existence and uniqueness theorems of homogeneous SDEs and stochastic heat equations by martingale measure approach, supervised by Prof. Fima Klebaner and Dr. Kihun Nam
- Grade: 94/100

M.S. in Financial Mathematics, 2017 (Transferred to another course)

- Averaging 93/100 in seven math units
- Transferring to get more training in analysis and probability for future research

Department of Mathematics, Shanghai University

B.S. in Information and Computing Science, 2016

- Ranking: Top 7.5% out of 53 students
- Grade: 87/100

HONORS AND AWARDS

2013	Scholarship of Academic Excellence
2017	Monash International Study Grant
2018	Alan Pryde Study Grant, Maria Athanassenas Scholarship
2019	Statistics Prize, University Medal

CORE COURSEWORK

Shanghai University

- ❑ Mathematical Analysis
- ❑ Real Analysis
- ❑ Mathematical Statistics
- ❑ Higher Algebra
- ❑ Modern Algebra
- ❑ Equation of Mathematical Physics
- ❑ Differential Equations
- ❑ Probability Theory
- ❑ Numerical Analysis

Monash University

- ❑ Random Processes
- ❑ Measure Theory
- ❑ Martingales in Discrete-Time
- ❑ Financial Mathematics
- ❑ Functional Analysis
- ❑ Markov Chains and Random Walks
- ❑ Numerical Mathematics
- ❑ Stochastic Calculus
- ❑ Markov Chains and Mixing Times

RELEVANT SKILLS

Programming languages: Mathematica, MATLAB, Oracle, C, C++
Markup languages: HTML and CSS

REFERENCES

Prof. Fima Klebaner	School of Mathematical Sciences, Monash University `Fima.Klebaner@monash.edu`
Dr. Kihun Nam	School of Mathematical Sciences, Monash University `Kihun.Nam@monash.edu`
Dr. Andrea Collevecchio	School of Mathematical Sciences, Monash University `Andrea.Collevecchio@monash.edu`