Yuan Yin

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EDUCATION

UNIVERSITY OF MICHIGAN
MA.Sc in Mathematics
Expected Apr 2019 | Ann Arbor, MI
Quantitative Finance & Risk Management

BEIJING NORMAL UNIVERSITY
B.S. in Mathematics
Grad. Jul 2017 | Beijing, China
Mathematics and Applied Mathematics

COLLEGE OF WILLIAM & MARY
Jun 2016 | Williamsburg, VA
Summer School student
Course: Intl Finance/Open Economics (Grade:A)

COURSEWORK

GRADUATE
Computational Finance
Stochastic Analysis for Finance
Statistical Models and Methods for Financial Data
Time Series Analysis
Machine Learning

UNDERGRADUATE
Advanced Algebra
Mathematical Modeling
Real Analysis
Functional Analysis
Topology

LINKS

Github:// **Roxanneyin**
LinkedIn:// **Roxanne yin**

SKILLS

PROGRAMMING
Over 5000 lines:
Matlab • Python • R • R Markdown • LaTeX
Over 1000 lines:
Tensorflow • C

LANGUAGES

English (fluent)
Mandarin (native)

EXPERIENCE

CHINA CONSTRUCTION BANK | Manager Assistant Intern
Jun 2017 – Aug 2017 | Liaoning, China
- Completed rotational position in accounting, credit and financial market departments
- Authenticated checks and Audited applications from clients with strict attention to detail
- Performed data entry and opened checking accounts for clients
- Built strong communication skills by negotiating return rates with other banks

HORIZON ROBOTICS | Data Specialist Intern
Jan 2017 – Apr 2017 | Beijing, China
- Worked in intelligent security department to develop system which monitoring traffic by artificial intelligence instantly
- Mined traffic monitoring video data online and screen frame periodically
- Marked and modified key feature of objectives like pedestrians and vehicles as training data used by machine learning

RESEARCH

ROSS SCHOOL OF BUSINESS | Graduate Research
Jun 2018 – Jul 2018 | Ann Arbor, MI
Worked with **Prof Maxim Sytch**, learned about structure recovery and consistency of a team when some team members leave or come back; mined thousands of NHL data (which is about Hockey game and team information) on the website with using scraping method in R

BEIJING NORMAL UNIVERSITY | Undergraduate Researcher
May 2015 – May 2016 | Beijing, China
Successfully derived and relized PDE representing geodesic flow deciding the process of segmentation on 2D images on Matlab; realized the idea which can make segmentation of special case of 3D surface with explicit equations.

AWARDS

2014-2016	Merit JingShi Academic Scholarship (BNU, top 10%)
2014-2016	Third Prize of Spring and Autumn Scholarship (BNU)
Mar.2016	"Outstanding" in National Computer Rank Examination (top 10%)
Jan.2016	Mathematical Contest in Modeling of America(MCM, Honorable Mention)
Nov.2015	International Genentically Engineered Machine Competition (Sliver Award)
Oct.2015	China Undergraduate Mathematical Contest in Modeling (CUMCM)
Jan.2013	Second Prize in the National Mathematical Olympics

SOCIETIES

PIGEN YOUTH VOLUNTEER ASSOCIATION
2015 – 2016 | Beijing, China
Taught aged people how to use Microsoft office and Photoshop in Xi Cheng Library

INTERNATIONAL YOUTH LEADERSHIP PROGRAM
Jun 2015 | Zhuhai & Beijing, China
Finished Investigation and the report of *Professionalization of Social Work in China* with team member; Held up workshops to introduce Chinese culture to college students from University of Yale, Oxford, Birmingham etc.