Roxanne (Yuan) Yin

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EDUCATION

University of Michigan Ann Arbor, MI
Master of Science in Quantitative Finance and Risk Management, GPA: 3.75/4.0 2017-Present
Course highlights: Financial Mathematics, Stochastic Process, Stochastic Analysis for Finance, Statistical Models and Methods for Financial Data, Machine Learning

Beijing Normal University Beijing, China
Bachelor of Mathematics and Applied Mathematics, GPA: 3.42/4.0 2013-2017
Course Highlights: Mathematical Analysis, Advanced Algebra, Mathematical Modeling, C Programming, Real Analysis, Functional Analysis, Topology, Time Series Analysis

College of William&Mary Williamsburg,VA
Exchange student, GPA: 4.0/4.0 Summer 2016
Course: International Finance/Open Economics

EXPERIENCE

Benxi City Commercial Bank Liaoning, China
Manager Assistant – Intern Jul. 2017 – Aug. 2017
- Completed rotational position in accounting, credit, and financial market departments
- Authenticated checks and audited applications from clients with strict attention to detail
- Successfully negotiated return rates with clients using strong communication skills
- Performed data entry and opened checking accounts for clients

Horizon Robotics Beijing, China
Data Specialist – Intern Jan. 2017 – Apr. 2017
- Mined traffic monitoring video data online; extracted static images from hundreds of videos; marked properties of pedestrian and vehicle to help training the machine to learn to classified by itself
- Managed and inspected the quality of tagged tasks for developing smart security monitoring network

Image segmentation based on geodesic active contours model 2015 – 2016
Innovation & Entrepreneurship Program – Team Member
- Derived PDE to determine segmentation of 2D images; solved equations in MATLAB with iterative algorithm
- Demonstrated dynamic process of segmentation with MATLAB to recognize different shapes in images

HONORS

- National Computer Rank Examination (C-programming) , Outstanding Mar. 2016
- Mathematical Contest in Modeling of America (MCM), Honorable Mention Jan. 2016
- International Genetically Engineered Machine Competition (iGEM), Sliver Award Nov. 2015
- China Undergraduate Mathematical Contest in Modeling, 2nd Municiple Prize (Beijing) Oct. 2015

SKILLS

Programming Languages: MATLAB, EViews, C, R, Python, Excel, LaTex
Languages: English - Fluent; Mandarin - Native speaker