

Yichen Wang (Charles)

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EDUCATION

Sep 2015 – Present **MSc Financial System Engineering, University College London**

- Courses: Financial Institutions and Markets, Financial Information Systems, Risk Regulation and Compliance, etc.

Sep 2011 – Jul 2015 **1st Honors (Top 10%), BEng Computer Science and Electronic Engineering, University of Liverpool**

- Courses: Software Engineering, Database, Game Theory, Neural Networks and Machine Learning, Multi-Agent Systems, etc.

WORK EXPERIENCE & PROJECTS

Jun 2016 – Present **Intern Financial Data Modeler, Message Automation, London**

- Realizing Financial Data Modelling with Semantic Web (RDFa/Ontology)
- Designing solution to provide data traceability among financial domain knowledge for risk, regulatory and compliance (MiFID II)

Nov 2015 – Mar 2016 **Intern Business Analyst, Microsoft & UCL, London**

- Involved in Building application for Mobile Cross-platform Diet and Nutrition Analytics
- Designed and Implemented the Voice Recognition Computational Framework for reducing cost in e-Health recommendation engine

Nov 2015 – Mar 2016 **Project Leader, Quantitative Trading Algorithm Project, UCL, London**

- Designed STFM (Stats-Tech Forecasting with Momentum) algorithm for quantitative trading via Python on Quantopian Quant platform targeting on US stock market
- Optimized STFM strategy to fit Chinese A stock market

Sep 2014 – Apr 2015 **Project Leader, Occupational Health Management Project, University of Liverpool, Liverpool**

- Researched on Information system to be equipped for assessing and evaluating risk to improve management efficiency
- Published in IEEE2015 Paper (ID:66510)

Jun 2014 – Aug 2014 **Intern ERP Management Analyst, Volkswagen Automobile, Shanghai**

- Carried out ERP Project Requirement analysis and software verification
- Documented User manual and specifications for knowledge management platform

Jun 2014 – Aug 2014 **Intern Data Analyst, Yum! Brand Consulting, Shanghai**

- Executed Operational Data management, recovery and statistical analysis
- Constructed Operational training solution with digital workplace technology as well as IT Optimization

EXTRA-CURRICULAR ACTIVITIES

Sep 2011 – Jul 2013 **Recruitment Officer & Executive Committee, University Student Union, University of Liverpool**

- In charge of sponsorships for University official activities, held and hosted the guest lectures with companies in university
- In charge of freshmen recruitment in 2012-2013 for university student union

PUBLICATION, HONORS AND CERTIFICATE

- University of Liverpool Scholarships
- Bloomberg Financial Markets Concepts Certificate ID:1453918516
- Thomson Reuters Eikon 4: Financial and Risk Training Certificate
- IEEE2015 Paper: 66510 The Design of Occupational Health Management System
- IEEE2014 Paper 10930: The Design and Research on Environment Management System for Manufacturing Enterprise

BUSINESS SKILLS AND LANGUAGE

- English: Professional (IELTS 8.5/8.0/7.0/7.0), Chinese: Native
- Project Management: Leadership, voted as best manager in Project Management Course (UK GRADE 88%)
- Finance: Finance theory, Markets and Economics Trend, Quantitative Investment
- Modelling: Financial Data Modelling, Ontology, Semantics Web (RDF/RDFa), UML Modelling
- Programming: C#(Intermediate), C++(Beginner), Java(Beginner), Python(Beginner), MATLAB(Beginner), XML, HTML(Intermediate)