Nicholas Spyrison

Curriculum Vitae
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Education

2018–2021 (expected)	*Ph.D. Informaiton Technology*	Monash University, Clayton, VIC, AUS
	Thesis: New Tools for User-guided Exploration of Linear Projections	
2008–2012	*B.Sc. Statistics*	Iowa State University, Ames, IA, USA
	Minors: physics and mathematics	

Employment

\begin{tabular}{ll} 2016–2018 & **Business Intelligence Developer** – CPI Card Group Inc. \ & *T-SQL Stack - 2012 (SSMS, SSRS), R stats, GitHub, Crystal Reports, Oracle BICS, Excel* \ & -Supply chain reporting leading to more than $4 M USD cost reduction \ & -T-SQL development – mid-high level abstraction \ & -4 reporting tools across multiple db instances \ 2015–2016 & **Business Intelligence Developer** – United Dominion Realty Trust Inc. (UDR) \ & *T-SQL - 2012 & 2016 (SSMS, SSRS, SSAS - MOLAP Cube), PowerBI, WebFOCUS – 8.0+, Excel* \ & -T-SQL development – high level abstraction \ \end{tabular}

Internship experience

2016.09–2017.09	**Big Data Analyst**, Shanghai Power Xene Digital Technology Company, Beijing, China	
2016.03–2016.04	**Research Assistant**, China Life Insurance Company Limited, Beijing, China	
2015.01–2015.02	**Consultant Assistant**, Industrial and Commercial Bank of China (ICBC), Hubei, China	

Honours and awards

2018	Outstanding postgraduate student, Central University of Finance and Economics (CUFE)
2017	First Prize Academic Scholarship for Graduate Student, CUFE
2016	Outstanding undergraduate student, CUFE
2016	Scholarship for All-Round Development, CUFE, each year from 2013 to 2016
2016	Scholarship for Excellent Academic Innovation
2015	Second Prize in China Undergraduate Mathematical Contest in Modeling
2015	National Endeavor Scholarship, Ministry of Education of Beijing
2014	Scholarship for Excellent Student Cadre
2013	Excellent Student Cadre, School of Statistics and Mathematics, CUFE

Research experience

2018.07–2019.01 **Research Assistant**, National Natural Science Foundation of China

➤ Assisted in the Efficient Bayesian Flexible Density Methods with High Dimensional Financial Data Project.
➤ Completed the stochastic gradient descent application to the multivariate response surface.
➤ Completed the paper titled *Volatility Analysis for Housing Prices with Bayesian Response Surface Optimization*.

2013.04–2014.04 **Project Leader**, National Undergraduate Innovation and Entrepreneurship Training Program

➤ Initiated a municipal project, took charge of making overall arrangements for the project, from research topic design, official application of the project fund, plan of the theoretical approaches and research methods to the empirical analysis of the data collected from questionnaire.
➤ Won the Excellent Prize upon the accomplishment of the research project.
➤ Completed the paper titled *Feasibility Analysis for Developing Commercial Insurance for Losing Only-child Problem of Single-child Families*.

Extracurricular activities

2012–2014 **President**, Survey and Data Analysis Association of CUFE

➤ Planned a series of publicity activities for the association with more than 10 local universities warmly responding; repeatedly awarded Excellent Prize in student association activities and Advanced Individual Prize in CUFE.
➤ Organized a large quantity of surveys, such as campus bus timetable investigation, campus safety improvement, research on the tutor system in CUFE; obtained several prizes in the relevant contests at different levels.

➤ Twice awarded the Top Association Prize as Class A in CUFE.

2013–2014   **Anchor and Host**, CUFE Radio Station

➤ Participated in the broadcast work for the music, travel and interview group, including the script writing, recording, editing and broadcasting.
➤ Host several shows and competitions in CUFE.
➤ Took charge of the preparation and organization of the 5th Anniversary Celebration Evening for thE Campus Radio Station.