## Guanyu Chen

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<ul> <li>University of Michigan An Arbor, MI Master of Science in Quantitative Finance and Risk Management 09/2018-12/2019</li> <li>Cumulative GPA: /4.00</li> <li>Core Courses: Numerical Methods with Financial Applications; Discrete State Stochastic Processes; Applied Statistics</li> <li>Niamen University (XNU) Niamen, China Bacchelor of Sciences in Mathematics and Applied Mathematics 09/2014-06/2018</li> <li>Cumulative GPA: 3.38/4.00</li> <li>Core Courses: Modeling and Analysis; Financial Mathematics; Statistics; Computational Method; Economics RESEARCH EXPERIENCE</li> <li>Team Leader, National College Student Innovation Program Xiamen, China davisor: Professor Yunxin Liu 07/2016-07/2017</li> <li>Reviewed literature including coupling relationship between economic growth and environmental pollution in Shanxi Province, and collected data from China's economic sustainable development database, provincial statistical yearbook, China city statistical yearbook.</li> <li>Utilized PCA method to process 12 different kinds of statistical data of 258 Chinese regional units in SPSS to determine coupling degree evaluation index systems</li> <li>Calculated coupling degree sund coordination degrees of economics, population and environment of regional units in Rand classified spatial patterns using MATLAB</li> <li>Researched general characteristics in regions with different degrees; summarized representative city's problems; proposed suitable suggestions and plans</li> <li>Participant, MCM/COMAP Xiamen, China Adviser: Professor Zhong Tan and Professor Zhong Zhong WATLAB and wrote thesis in MCM</li> <li>Determined a mechanical model and built a dynamic programing model in COMAP and obtained globally optimal solution by Lingo and multi-objective genetic algorithm</li> <li>INTERNSILIP ENTERLENCE</li> <li>Intern, Manulife Tinancial fue Program) Hong Kong, China Formulated business plan for Mamulife's development in Mainland China; made presentation and wrote an analysis</li></ul>	EDUCATION			
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Computer Skills: SPSS, MATLAB, Eviews, R Language