MIN GU

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Education

Auburn University	*Auburn, AL*

- Ph.D. candidate in Finance   *2019-Current*

Bowling Green State University	*Bowling Green, OH*

- M.S. in Applied Statistics (GPA: **4.0**/4.0)   *2016*
- M.S. in Chemistry   *2014*

Nanjing Normal University	*Nanjing, China*

- B.S. in Environmental Sciences   *2011*

Work Experience

Statistical Analyst II   *2016-2018*
Biostatistics Department, Medpace   *Cincinnati, OH*

- Evaluated the safety, tolerability, and efficacy, and access the pharmacokinetics of medicine in treatment of subject with selected serious infections
- Reviewed study protocols, statistical analysis plans, annotated CRFs and dataset specifications for Phase I-IV clinical trials; Created and validated SDTM and ADaM datasets
- Created, executed and maintained SAS programs used for data entry, data management, data validation, statistical report generation, and programming validation

Data Scientist Intern   *2015-2016*
Manufacturing Science and Technology Department, Owens Corning   *Toledo, OH*

- Conducted ad hoc statistical analyses with multiple statistical modeling and diagnostics including linear and logistic models, GLMS, ZIP and ZINB models
- Performed multiple designs of experiments: Response Surface Methodology, 2^k factorial design and simplex EVOP etc. to suggest feasible regions for optimal operation settings
- Shared findings, implications, and action recommendations via written and oral presentations; Provided clear technical documentation to facilitate knowledge transfer and retention

Market Analyst Intern   *2014*
Consulting Department, Euromonitor International Ltd   *Shanghai, China*

- Made store-visits to retail outlets to track brand/product information; Conducted multi-media surveys on industries/companies/consumer trends for a famous Chinese food company client
- Conducted trade interviews/discussions via phone with companies and associations; Made quantitative and qualitative market analyses for a world-famous bank-operator client
- Engaged in data calculations, analysis and estimations to develop national size/shares/data; Prepared and wrote company/industry reports for a famous Chinese household appliances client

Technical Expertise

R, SAS, Minitab, Python , SPSS modeler , Matlab, and Tableau

Certifications

SAS Certified Advanced Programmer for SAS 9 Credential, SAS	2016
SAS Certified Base Programmer for SAS 9 Credential, SAS	2016
Level I Certified Tutor, College Reading & Learning Association	2015
Financial Mathematics (FM), Society of Actuary	2014
Probability (P), Society of Actuary	2013

Publication

- Min Gu, H. Peter Lu, *"Raman Mode-Selective Spectroscopic Imaging of Coenzyme and Enzyme Redox States", J. Raman Spectroscopy,* **47**, 801–807 (2016)