Gao Fangshu

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EDUCATION

2017.09 - 2020.06	**Hanqing Advanced Institute of Economics and Finance, Renmin University of China**	**Quantitative Economics**	**Beijing**

- Have been admitted to MPhil-PhD program in quantitative economics

2013.09 - Current	**University of International Business and Economics**	**Economics**	**Beijing**

- Bachelor Degree in Economics
- GPA: 3.69/4   Weighted Average Mark: 87.49/100
- Related Courses：

    R programming: 92   Calculus (I): 90   Calculus (II): 90   Linear algebra: 96   Probability and statistics: 90

    Applied statistics: 94   SPSS analysis: 96   Econometrics: 92   Microeconomics: 92   Macroeconomics: 94

2016.09 - 2017.02	**Warsaw School of Economics (SGH)**	**Exchange student**	**Warsaw**

- Weighted Average Mark: 4.86/5
- Courses:

    Mathematical analysis: 5   Java programming: 5   SAS Programming: 4

    Behavioral economics: 5   History of international relations: 5

2015.10	**UNCTAD Virtual Institute Study Tour**	**Geneva**

- Undergo tailored training on trade and development delivered by UNCTAD, WTO and ITC

2015.09 - 2015.10	**Coursera**	**Beijing**

- R Programming (Grade: 100/100)

PROJECTS

2017.04 - Current	**Sinvestors**	**Python**

- With web crawling data and neural-networks model, assist startup company and investment banking advisory firms to seek investors
- Code (updating): *github.com/GaoFangshu/Sinvestors*

2017.05	**MNIST-classification**	**Python**

- Number classification with MNIST data
- Code: *github.com/GaoFangshu/MNIST-classification*

    Introduction: *gaofangshu.com/blog/2017/05/04/Number-Classification-with-MNIST-Data/*

2017.04	**Hopcroft-Karp-algorithm**	**R**

- Implementation of Hopcroft-Karp algorithm in R
- Code: *github.com/GaoFangshu/Airbnb-crawler*

    Introduction: *gaofangshu.com/blog/2017/04/11/Implementation-of-Hopcroft-Karp-Algorithm/*

2017.03	**Airbnb-crawler**	**Python**

- A web crawler that can collect users data on Airbnb
- Code & Introduction: *github.com/GaoFangshu/Airbnb-crawler*

2017.02	**IMDb-Searching-Engine**	**Java**

- An IMDb movies information searching engine based on Java and OMDb API
- Code & Introduction: *github.com/GaoFangshu/IMDb-Searching-Engine*

PUBLICATIONS

2017.05	**Graduation Thesis**

- **Empirical Demand Analysis of Airbnb Homestay Market Based on Random Coefficient Mode**

	o Apply random coefficient demand model in analyzing Airbnb homestay market. Based on Seattle Airbnb Open Data and web crawling data, estimate the impact of different characteristics on homestay's market share and consumers' utility.	
	o Full text: *gaofangshu.com/blog/thesis.pdf*	
2015.09 - Current	**Other Publications**	
	• Zhou M., Gao F.S., Zhang Y.J. (In press) Will the Change of Labor Supply Affect the Productivity and Profitability of Chinese Industrial Enterprises? *Journal of Finance and Economics (CSSCI)*	
	• Zhou M., Gao F.S., Li Z.D. (Under review) Population Constraint, Local Specialization of Intermediate Products and Enterprise Export Decision: Based on Micro Spatial Choice Model and Industrial Enterprise Data*, Economic Research Journal (CSSCI)*	

EXPERIENCE

2015.09 - Current	**IBM Business Intelligence Laboratory (UIBE)**	**Beijing**
	• Research fellow	
	• Participate in seminars on "Discrete Choice Methods with Simulation"	
2015.04 - 2015.05	**China Gazetteer Project**	**Beijing**
	• Rename data from Chinese county annals	
	• Analyze data and make reports	
2015.03 - 2015.06	**Undergraduate Program (UIBE)**	**Beijing**
	• Teaching assistant in macroeconomics course	
2014.09 - 2016.01	**Academic Assistance Center (UIBE)**	**Beijing**
	• Tutor of calculus (2015.10 - 2016.01)	
	• Tutor of macroeconomics (2015.03 - 2015.06)	
	• Tutor of microeconomics (2014.09 - 2015.01)	
2013.09 - 2015.09	**UIBE Newspaper Press Corps** **Press-photographer**	**Beijing**
	• Report events in UIBE as press-photographer, and the photos are published in UIBE newspaper	
	• Interview outstanding graduate (class of 2010), publish an article in UIBE newspaper	
	• Edit and design "No. 10" UIBE magazine	

EXTRACURRICULAR ACTIVITIES

2014.07	**Cycling with UIBE Ant Cycling Association**	**Hunan, Guizhou, Yunnan**
	• Participate in cycling in the suburb of Beijing for more than 10 times, accumulating more than 1000km	
	• Cycling more than 2300km from Changsha to Xishuangbanna as a member of Long-distance Cycling Team	
2014.02	**Winter social practice of UIBE**	**Anhui**
	• Interview and investigate in Xiaogang Village and Nanjie Village, Anhui	

HONORS

2016.12	**Integrated Third-class Scholarship (top 30%)**	
2015.12	**Integrated Third-class Scholarship (top 30%)**	
2015.09	**China Undergraduate Mathematical Contest in Modeling (CUMCM)**	First Award in Beijing
2015.07	**China's Social-economic Development Analysis Tournament**	Second Prize Winner
2015.02	**COMAP's Mathematical Contest in Modeling (MCM)**	Successful Participant
2014.09	**China Undergraduate Mathematical Contest in Modeling (CUMCM)**	Second Award in Beijing
2014.12	**Guanghua Scholarship (top 3%)**	
	Integrated First-class Scholarship (top 5%)	
2014.04	**Integrated Second-class Scholarship (top 15%)**	

SKILL

	• CET-6: 585 GRE: 322 (V152+Q170)	
	• R, Python, Java, Matlab, MS Office	

高方澍

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个人主页：gaofangshu.com
GitHub：github.com/GaoFangshu

教育背景

2017.09 - 2020.06	中国人民大学	汉青经济与金融高级研究院　数量经济学	北京

- 已保送至数量经济学（学术硕士）专业

2013.09 - 至今	对外经济贸易大学	国际经济贸易学院　　国际经济与贸易（基地班）	北京

- 经济学学士
- GPA：3.69/4　加权平均分：87.49/100
- 主要相关课程成绩：

　　R 语言编程：92　　高等数学（一）：90　　高等数学（二）：90　　线性代数：96　　概率论与数理统计：90

　　应用统计：94　　经济分析软件：96　　计量经济学：92　　微观经济学：92　　宏观经济学：94

2016.09 - 2017.02	华沙经济学院	校内选拔海外交换一学期	华沙

- 加权平均分：4.86/5
- 全部课程成绩（满分5分）：

　　数学分析：5　　Java 编程：5　　SAS 及其统计分析：4　　行为经济学：5　　国际关系史：5

2015.10	联合国贸发会议 UNCTAD 访学	日内瓦

- 于UN、WTO、ITC进行国际贸易、经济发展等课程学习
- 学习ITC国际贸易数据库使用

2015.09 - 2015.10	Coursera 网络课程	北京

- R语言程序设计（成绩：100/100）

项目经历

2017.04 - 至今	**Sinvestors**	**Python**

- 利用爬取的it橘子、格上理财数据，搭建神经网络模型，帮助创业公司及投资咨询公司寻找潜在投资人
- 代码（持续更新中）：*github.com/GaoFangshu/Sinvestors*

2017.05	**MNIST-classification**	**Python**

- 基于MNIST数据集的数字分类器
- 代码：*github.com/GaoFangshu/MNIST-classification*
　说明：*gaofangshu.com/blog/2017/05/04/Number-Classification-with-MNIST-Data/*

2017.04	**Hopcroft-Karp-algorithm**	**R**

- 用R语言实现Hopcroft-Karp算法
- 代码：*github.com/GaoFangshu/Airbnb-crawler*
　说明：*gaofangshu.com/blog/2017/04/11/Implementation-of-Hopcroft-Karp-Algorithm/*

2017.03	**Airbnb-crawler**	**Python**

- 收集Airbnb用户数据的网络爬虫
- 代码及说明：*github.com/GaoFangshu/Airbnb-crawler*

2017.02	**IMDb-Searching-Engine**	**Java**

- 基于OMDb API的IMDb电影信息搜索窗口
- 代码及说明：*github.com/GaoFangshu/IMDb-Searching-Engine*

科研论文

2017.05	**本科毕业论文**

- "Empirical Demand Analysis of Airbnb Homestay Market Based on Random Coefficient Mode"
- 爬取Airbnb用户数据，利用随机系数需求模型分析Airbnb短租市场

	● 原文：*gaofangshu.com/blog/thesis.pdf*		
2015.09 - 至今	**学术期刊论文**		

● 《劳动力供给变化会影响中国工业企业的生产率和利润率吗？》，周末，高方澍，张宇杰
　　○ 已被《财经研究》（CSSCI）录用，待刊印
● 《人口约束、中间产品本地专业化与企业出口决策——基于微观空间离散选择模型的研究》周末，高方澍，李增楝
　　○ 《经济研究》（CSSCI）审稿中

学生工作

2015.09 - 至今	**对外经济贸易大学智慧商务实验室**	北京

● 科研助手，参与模型编程及论文撰写
● 参与《离散选择模型》课程学习

2015.04 - 2015.05	**中国经济史大数据研究项目**	北京

● 重命名中国县志数据
● 数据分析并撰写分析报告

2015.03 - 2015.06	**对外经济贸易大学本科生课程**	北京

● 担任宏观经济学课程助教

2014.09 - 2016.01	**对外经济贸易大学学业指导中心　　"红色助手一对一帮扶计划"**	北京

● 辅导高等数学（2015.10 - 2016.01）
● 辅导宏观经济学（2015.03 - 2015.06）
● 辅导微观经济学（2014.09 - 2015.01）

2013.09 - 2015.09	**校报记者团　　　　　采访部　　　　　　　　摄影记者、副部长**	北京

● 作为摄影记者拍摄报道校内重大活动
● 采访2010级优秀毕业生，刊登文字报道《徐博研——让志趣指引前路》

课外实践

2014.07	**对外经贸大学蚂蚁车协远征活动**	湖南、贵州、云南

● 当选蚂蚁车协2014届远征队队员，历时一个月从长沙骑行2300余公里至西双版纳

2014.02	**对外经贸大学寒假社会实践**	安徽

● 随清华大学学生马克思主义研究协会赴安徽小岗村、南街村走访实践

荣誉奖励

2016.12	**综合三等奖学金（前 30%）**	
2015.12	**综合三等奖学金（前 30%）**	
2015.09	**全国大学生数学建模大赛**	**北京市一等奖**
2015.07	**中国社会经济分析大赛**	**二等奖**
2015.02	**美国大学生数学建模大赛**	**三等奖**
2014.09	**全国大学生数学建模大赛**	**北京市二等奖**
2014.12	**光华奖学金（前 3%）**	
	综合一等奖学金（前 5%）	
2014.04	**综合二等奖学金（前 15%）**	

技能证书

● 英语六级：585
● GRE：322（V152+Q170）
● 计算机技能：R、Python、Java、Matlab、MS Office