



## 朱树彦



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现在江西吉安

经济学专业研一，有一定的财务背景和统计基础，掌握 MySQL/Excel，有 R/Python 基础。希望从事商业分析/数据分析相关岗位。个人主页：[shuyan-zhu.github.io](https://shuyan-zhu.github.io)。

## 教育背景

2021.07	外交学院·国际经济学院
2019.09	经济学·硕士·研一在读
2019.07	中央财经大学·中国公共财政与政策研究院
2015.09	经济学·学士·88.2/100（会计学双学位）

## 实习经历

2019.10	行业研究助理 @ 中国银河证券股份有限公司 研究部
2019.07	<ul style="list-style-type: none"><li>▶ <b>宏观</b>：定量分析了人民币兑美元汇率破 7 对三大航空公司成本端带来的压力 分析了美国对华加征关税背景下航运业出现外贸集装箱抢运现象的中短期影响 搜集和分析 13 个省市数据，可视化了大宗货物运输“公转铁”的政策效果</li><li>▶ <b>行业</b>：拆解机场、航空业的商业模式，掌握其盈利预测的框架，跟踪共享单车等交通新业态 估算了政策驱动下 ETC 门架改造的市场规模，为团队在智慧交通板块的研报提供了数据支撑 测算了交通运输结构调整过程中铁路部门未来 3 年的投资额，有力支持了分析师路演</li><li>▶ <b>数据</b>：使用 Wind 数据库搜集分析宏观、行业数据，查阅 10 余家上市公司的深度资料 利用 Excel 自建数据库，动态跟踪行业指标和股价表现，为月度报告的后续更新提高了便利</li><li>▶ <b>报告</b>：负责牵头撰写 8、9 月份行业动态报告，纠正以往报告的数据错误，搭建报告逻辑 独立撰写重大事件点评 3 篇，协助分析师完成 4 篇行业深度报告</li></ul>

## 项目和活动

- ▶ **airbnb**: (Python) 可视化分析爱彼迎北京民宿的地理分布、价格特征
- ▶ **amazon**: (Python) 利用 Request、BeautifulSoup 和 selenium 爬取亚马逊的职位空缺信息
- ▶ **covid-19**: (R markdown) 疫情数据的交互地图可视化
- ▶ 中国综合社会调查 (CGSS) 2018 年入户访问员，面访 30 个家户，收集和录入问卷
- ▶ 创建个人公众号，关注数字广告、因果推断、机制设计相关的学术成果在互联网行业 and 平台经济中的应用

## 学术经历

- ▶ **企业税务领域**：“税负与企业投资：基于‘营改增’的实证研究”  
量化研究了宏观减税政策对上市公司投资行为的影响，北京市优秀毕业论文
- ▶ **国际贸易领域**：“全球价值链、生产率与工资差距：来自制造业的证据”  
从行业和企业层面，研究了中国参与全球价值链的特征，从生产率变化的角度解释行业工资差距

## 技能和语言

数据分析	R, Python (Pandas, Matplotlib), MySQL
金融统计	Wind+Excel
报告撰写	R markdown, word, L <sup>A</sup> T <sub>E</sub> X
资格证书	计算机二级 (MS office)
英语	六级 (564)



# Shuyan Zhu



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CFAU, Xicheng District, Beijing

Highly-motivated master student in Economics with good foundations of finance and statistics. Proficient in data modeling and analysis, skilled in MySQL, Python, and R programming. Multiple projects are displayed on my [website](#).

## Education

July 2021	School of International Economics, <b>China Foreign Affairs University</b>
September 2019	M.A. in Economics
July 2019	CAPFPP, <b>Central University of Finance and Economics</b>
September 2015	B.A. in Economics (minor in Accounting)

## Internships

October 2018	Assistant securities analyst @ China Galaxy Securities Co. Ltd.
July 2018	<ul style="list-style-type: none"><li>Quantitatively analyzed the impact of currency devaluation on exchange losses of airlines, the impact of transportation restriction on truckage, and the impact of tariff imposition on container shipping</li><li>Deep understood traditional transportation, including but not limited to profit model and market structure, ,provided insight on emerging areas such as bike-sharing and car-hailing</li><li>Responsible for compiling reports on a monthly basis, wrote original reports on various subfields, such as railway development and intermodal transportation</li><li>Collected and analyzed data to estimate market size of railway infrastructure and ETC reconstruction to support conclusions in reports</li><li>Built an automatically updated database of stock price and financial statement, keeping our team abreast of developing situation</li></ul>

## Projects & Activities

- airbnb: (Python) Visualized geographical distribution of listings and features of their prices
- amazon: (Python) Scraped job opennings information from Amazon and staff information from LinkedIn
- covid-19: (R markdown) Visualized real-time data of covid-19 with both time series plots and maps
- CGSS interviewer for RUC, visited more than 40 families to collect effective questionnaires
- operate personal official account, focused on causal inference, machanism design and their application in Internet industry

## Research Achievements

- "Tax Burden and Firm Investment: Evidence from Value-added Tax Reform"  
Revealed the impact of macro-policy on firm investment (outstanding undergraduate thesis)
- "Global Value Chains, Productivity and Wage Gap" [slides](#).  
Explained wage gap in globalization from perspective of total factor productivity

## Competences & Languages

<b>Programming</b>	Python, R, MySQL
<b>Tools</b>	Wind+Excel
<b>Data Analysis</b>	R, Pandas; Matplotlib, ggplot2
<b>English</b>	reading & writing (good); listening & speaking (conversant)