

# Jiaxu(Josh) He

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## SKILLS

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Technical: Python, R, Excel, Tableau, SQL, HTML, NLP

## RELEVANT EXPERIENCE

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**Ivy Mortgage, Inc., Credit Analyst, Fulton, MD**

**June 2020 – Aug 2021**

- Consulted and served as the primary service liaison between Ivy and secondary market investors
- Acted as the primary technical advisor on all closing and post-closing issues for each case, interfaced effectively with clients and title company partners
- Strategized, built, and maintained fall out rate model to monitor the probabilities of fall out during the application for each client
- Extracted, audited, and analyzed data from various environments, then developed monthly data visualization report for management team
- Supported the company hedging strategy by analyzing hedging product beta, monitoring products withholding performance, and identifying market trends

**Institute of International Education, Researcher, Washington, DC**

**Oct 2019 - Apr 2020**

- Worked closely with internal and external teams to track, acquire, and manage data of the annual survey results from approximately 3000 accredited U.S. institutions and 30 overseas research partner institutions
- Performed data analysis using Python and Excel on the data from the 2019 Open Doors annual survey as well as the last 20 years of Open Doors data collected and organized from different resources to identify insights and mobility trends of international students in U.S. and U.S students studying abroad for academic credit
- Designed and created Tableau portfolio dashboards, Adobe Illustrator visualizations, and info-graphics reports for Open Doors and Project Atlas to highlight the insights of global student mobility

**Independent Consultant, Part Time Independent Consultant**

**Jun 2016 - Mar 2020**

- Collaborated with Staff Hospital of Hubei Provincial Bureau of Geology and Mineral Resources to analyze, visualize, and update the information of the Covid-19 outbreak in Wuhan City using Python and Tableau
- Managed and analyzed the production promotion, client targeting, and customer reviews for Future of X, the online clothing store on Taobao.com
- Analyzed the most concerned factors with an educational consultant in Chuchuguo Education Consulting Co., Ltd. for Chinese students to choose schools, involving geographical location, job opportunities, program cost, international student portion, U.S. News & World Report's Rankings, etc.

## EDUCATION

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**Georgetown University, Washington, DC**

**May 2019**

Master of Science in **Data Science and Analytics**, GPA:3.53

*Selected Coursework:* Prob Modeling/Stat Computing, Optimization, Massive Data Fundamentals, Statistical Learning for Analytics, Structs & Algs for Analytics, Analytical Data Visualization, NLP for Data Analytics, Neural Nets and Deep Learning

**University of Iowa, Iowa City, IA**

**May 2017**

Bachelor of Science in **Mathematics**, Major GPA: 3.73

Bachelor of Science in **Statistics**, Major GPA: 3.3

## INTERESTS/ACTIVITIES

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Basketball; Soccer; Tennis; Hiking; Skiing; Swimming; Musicals; Volunteer e-sports commentators for the event of DOTA 2000 Cup; Volunteer at Iowa City Jazz Festival; Volunteer organizing member for the LOL Competition event at University of Iowa CSSA; Short game videos producer; Math, English, Physics, Statistics private tutor