



# Sisi Huang

Born 04.03.1994, China  
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## EDUCATION

**Master of Science** 10/2016 - 09/2020  
**Humboldt University of Berlin School of Business and Economics, Berlin**  
• Major: *Statistics* • Specializations: Statistical Inference, Econometrics

**Bachelor of Economics** 09/2012 - 07/2016  
**Shanxi University of Finance and Economics School of Statistics, Shanxi**  
• Major: *Statistics*

## EXPERIENCE

**Master Thesis**  
**An Image Classification Tool for Wikimedia Commons**  
Convolutional Neural Networks, Transfer learning, Tensflow, Keras  
• Application on the real-world data from Wikimedia Commons  
• dealing with highly imbalanced image data by oversampling and data augmentation

**Student Assistant** Present — 12/2018  
**Wissenschaftszentrum Berlin für Sozialforschung gGmbH**  
Shiny, R package development, Web design  
• Development of R package for statistical analysis  
• Web design based on R shiny, HTML and Java script  
• Project representation

**Junior Analyst** 05/2017 — 08/2018  
**Agder Energi Solutions GmbH**  
Data dynamic visualization, Shiny dashboard, Tableau, LASSO.

• Building and administering a shiny dashboard application for monitoring daily trade information and energy output  
• Applying the statistical regression model to forecast intraday price, especially LASSO regression model  
• Research in different dynamic visualization tools to figure out differences and finding the relatively optimal one for fast vis performance

**Group Leader** 03/2015 — 05/2015  
**Marketing Research Project of research competition**  
Questionnaire survey, Contingency table, Teamwork.

• Designing on the image of Changjia Zhuangyuan and development of Tourism Products.  
• Has taught me excellent social, communication and organizational skills through the process of designing the questionnaires, collecting the answers and final presentation

**Research Assistant** 06/2014 — 07/2014  
**Marketing Research Project of Jewelry consumption habit**

• Taking part in the research of Jewelry consumption habit, assisting the professor to collect and analyze data and materials, read papers and make presentations, compile research reports and get along well with other teammates

## SKILLS

Windows  
MacOS  
Linux

Office  
RStudio  
STATA  
SPSS  
Git  
Tableau  
Photoshop

R  
Python  
SQL  
L<sup>A</sup>T<sub>E</sub>X

Platforms and languages I used:  
Eviews, KNIME, MDX, Shell, Matlab

## LANGUAGES

	Written	Spoken
English	●●●●●	●●●●●
German	●●●●●	●●●●●

## INTERESTS

Swim Music  
Travelling Drawing