

WEICHENG ZHU

PERSONAL INFORMATION

Country of Birth: China
Date of Birth: 1987.09.12
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RESEARCH INTERESTS

Statistical Computing, Statistical Graphics, Categorical Data Analysis,
Data Mining, Text Mining, Statistical Quality Control

EDUCATION

Chung-Ang University , Seoul, South Korea M.S. in Statistics GPA: 4.45/4.5	<i>2010.09 - 2013.02</i>
Ludong University , China B.S. in Statistics GPA: 3.34/4.0	<i>2006.09 - 2010.06</i>
Kunsan National University , South Korea B.S. in Statistics (Exchange Semesters) GPA: 3.89/4.5	<i>2008.09 - 2010.08</i>

WORK EXPERIENCE

- | | |
|--|---|
| DataSolution, Inc
<i>Technical Support Department Assistant</i> | <i>2012.12 - Present</i>
<i>Seoul, South Korea</i> |
| <ul style="list-style-type: none">· Participated in the development of <i>SPSS Korean Plus</i> with Python and wxPython;· Participated in the <i>CJ Korea Express Big Data Pilot</i>, concentrated on the content analysis of the voice of customer (VOC) data;· Participated in the web application development of the <i>Education Faculty System of Chung- Ang University</i> using ASP.NET MVC and IBM SPSS DataCollection API;· Built the DataSolution's internal learning website based on the WordPress Blog System;· A core member of the <i>Big Data Study Group of DataSolution</i>, focused on the big data analysis with Hadoop system, mainly on the study of Hive/RHive;· Participated in the development and maintaining of the website of DataSolution with ASP and ASP.NET MVC;· Provided statistical consulting service for international companies (e.g. <i>Acorn</i>, <i>XiShu</i>). | |
| SupStat
<i>Webmaster (part-time)</i> | <i>2013.10 - Present</i>
<i>US & China</i> |
| <ul style="list-style-type: none">· In charge of the management of the website <i>VISTAT</i>, a reproducible gallery of statistical graphics. | |
| Chung-Ang University
<i>Lecturer (part-time)</i> | <i>2012.05 - 2012.07</i>
<i>Seoul, South Korea</i> |
| <ul style="list-style-type: none">· Offered a series of <i>R Tutorial Class</i> to the graduate students of the department of statistics. | |

Capital of Statistics

2012.03 - 2013.04

Translator (part-time)

China

- Participated in the translation project of [ggplot2](#) (*Hadley Wickham*) from English to Chinese and mainly in charge of the translation work of chapter one to chapter four and the revision work of chapter five to chapter eight.

Capital of Statistics

2011.05 - Present

Moderator of R language (part-time)

China

- Offer free online statistical consulting services mainly related to R language in the forum of [Capital of Statistics](#), the most famous statistical community in China.

PUBLICATIONS & SOFTWARE

Journals

Zhu, W. and Park, C., 2013, edcc: An R Package for the Economic Design of the Control Chart, *Journal of Statistical Software*, Vol 52(9), 1-24.

Zhu, W. and Park, C., 2012, Probabilities of Baccarat Game by Simulation, *Communications for Statistical Applications and Methods*, Vol 19(1), 117-128.

Software packages

Developer of the R package [edcc](#);

Developer of the R package [PedCNV](#);

Contributor of the R packages [knitr](#) and [animation](#).

SERVICES

Server administrator of the department of statistics, Chung-Ang University.

2012

Built & maintained a [CRAN mirror](#) of South Korea.

2012.11 - Present

SCHOLARSHIPS

Chung-Ang University Young Scientist Scholarship

2011.09 - 2012.08

Full tuition fees and admission fees free + living allowance of \$600 per month, provided by Chung-Ang University, South Korea

Korean Fluency Scholarship

2011.10

Provided by Chung-Ang University, South Korea

National Grants

2008

Provided by the Ministry of Education, China

First Class Scholarship of Ludong University

2006 - 2008

Provided by Ludong University, China

TECHNICAL STRENGTHS

Operating System	LINUX, WINDOWS
Computer languages	R, PYTHON, C/C++, JAVA, HTML/CSS, JAVASCRIPT
Databases	MYSQL, MS SQL, ORACLE
Tools	EMACS, GIT, L ^A T _E X, MARKDOWN, HADOOP

LANGUAGE ABILITIES

Advanced level	English & Korean
Native	Chinese