

VICTOR KWANGCHUN LEE

Korea's First-Generation Data Scientist !!!

As a first-generation data scientist in Korea, I have been on a single path to data science. Various data science instructor experiences at RStudio, Software Carpentry, AsiaR/Seoul R meetup, Korea R conference and Yonsei University as well as industrial experiences at Hyundai Motor, Webzen, and Samjeong KPMG are great assets that enable digital transformation and creates value from data.

CAREER

2022 Current	Curriculum Researcher Code States Seoul Korea	<ul style="list-style-type: none">Contents Development for Advanced Data Analytics: Covid-19 Time Series Forecasting with R and PythonAdvanced Marketing: Dynamic Pricing with R and PythonSQL Contents Development for K-Digital Basic Competency Training: SQL for Data Analytics
2019 2021	AI Developer Samjong KPMG Seoul Korea	<ul style="list-style-type: none">Establishment of AI-Centric Lighthouse and recruitment of data scientists/ML developersData: DART corporate disclosure and ESG data crawling and DB assetizationDevelopment of AI/ML/Data science productsKPMG Hackathon ASPAC Win (2021)Document: OCR, NLP MRC productsKPMG Ignite Data Science Competition win (2020)Automation: Open/commercial API chatbot
2016 2019	Data Scientist Webzen Pangyo Korea	<ul style="list-style-type: none">Development of MMORPG abuser DetectionDashboard development of SNS monitoringAnalysis of gold farmers through networkDevelopment of automatic biz report generator
2012 2014	Automotive Semiconductor Development Purchasing Hyundai Autron Pangyo Korea	<ul style="list-style-type: none">Qualifying automotive semiconductor suppliersCost Reduction on automotive semiconductorsPurchasing consolidation of automotive semiconductorsDevelopment of automotive semiconductors
2004 2012	Purchaing Data Specialist Hyundai Motor Company Seoul Korea	<ul style="list-style-type: none">Establishment of the country of origin management framework for automobile FTAFTA hub, EDI standard, and open source distribution for country of origin managementAnalysis of FTA country of origin management effectSAP ABAP, ETRI SaaSapia, FTA C/O open source distribution and connection



CONTACT

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🔗 github.com/statkclee

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SKILLS

Business problem solving expert through AI and data science.

Data Engineering, Data Science, Machine Learning, Deep Learning

(Tidyverse) R, Bash, Python, LaTeX, (No)SQL, Quarto



EDUCATION

- 1992
|
1998
- **Yonsei University**
B.A., Applied Statistics 📍 Seoul, Korea
- 1998
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2001
- **Yonsei University**
M.A., Applied Statistics 📍 Seoul, Korea
 - Thesis: Risk Management with Wavelet-based Value-at-Risk and Expected Shortfall
- 2003
|
2005
- **Carnegie Mellon University**
M.S., Computer Science 📍 Pittsburgh, USA
- 2008
|
2014
- **KAIST**
ABD, Computer Science 📍 Daejeon, Korea



RESEARCH AND CERTIFICATION

- 2019
|
2020
- **Adjunct Professor**
Applied Statistics, Yonsei University 📍 Seoul, Korea
 - Introduction to Data Science [Spring 2019](#), [Fall 2020](#)
 - Data Engineering for Data Science [Fall 2019](#)
- 2019
|
Current
- **Certified RStudio Instructor**
Tidyverse RStudio Instructor 📍 Boston, USA
 - [RStudio Education](#)
- 2016
|
Current
- **Certified Software Carpentry Instructor**
Software Carpentry Instructor 📍 The Carpentries
 - [Carpentries Instructors](#)



LECTURE

- 2015
|
2018
- **Software Carpentry**
[Software Carpentry Workshops](#) 📍 Seoul, Daejeon, Pangyo, Chuncheon
- 2017
|
Current
- **R Meetup**
[Seoul R Meetup](#) 📍 Seoul Korea



BOOKS AND PAPERS

- 2015
- **Python for Informatics**
CreateSpace Independent Publishing Platform
Author: Charles Russell Severance, Translator: Kwangchun Lee

- 2020 ● **Competitive Factors and Collaboration Methods for Jobs between People and AI**
Digital Management Review Vol.6 No.2 pp.39-50
Lee Kwang-Chun, Young Woo Ju
- 2012 ● **A Market-Driven Product Line Scoping**
Software Engineering Research, Management and Applications 2011. Springer Berlin Heidelberg, pp 27-46
Lee, Kwangchun, and Dan Hyung Lee
- 2010 ● **Leveraging Software Product Lines Engineering (SPLE) with Software-as-a-Service (SaaS) in Automotive Domain**
Hyundai-Kia Motors Conference
Lee, Kwangchun, and Dan Hyung Lee
- 2009 ● **Embedding Quality Attributes into Software Product Lines Scoping**
한국 소프트웨어공학 학술대회 (KCSE)
KwangChun Lee and JiHyun Lee
- 2007 ● **Commonality and Variability Visualization Using Multidimensional Scaling**
SPLC 2, page 343-349. Lero Int. Science Centre, University of Limerick, Ireland
KwangChun Lee and Dan Hyung Lee
- 2007 ● **A priori ordering protocols to support consensus-building in multiple stakeholder contexts**
Information Sciences, 177(15), 3129-3150.
Lee, D. H., Lee, K. C., Kang, S., & Baik, J.
- 2007 ● **An online help framework for web applications**
Proceedings of the 25th annual ACM international conference on Design of communication. ACM
KwangChun Lee and Dan Hyung Lee
- 2006 ● **Quantitative Measurement of Quality Attribute Preferences Using Conjoint Analysis**
Interactive Systems. Design, Specification, and Verification, Lecture Notes in Computer Science Volume 3941: pp 213-224.
Kwang Chun Lee, Ho-Jin Choi, Dan Hyung Lee, Sungwon Kang
- 2001 ● **Risk Management with Wavelet-based Value-at-Risk and Expected Shortfall**
KDMS
Kwangchun Lee