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

- Contents Development for Advanced Data Analytics: Covid-19 Time Series Forecasting with R and Python
- Advanced Marketing: Dynamic Pricing with R and Python
- SQL Contents Development for K-Digital Basic Competency Training: SQL for Data Analytics

2019 | 2021

AI Developer
Samjong KPMG   📍 Seoul Korea

- Establishment of AI-Centric Lighthouse and recruitment of data scientists/ML developers
- Development of AI/ML/Data science products
- Document: OCR, NLP MRC products
- Automation: Open/commercial API chatbot
- Data: DART corporate disclosure and ESG data crawling and DB assetization
- KPMG Hackathon ASPAC Win (2021)
- KPMG Ignite Data Science Competition win (2020)

2016 | 2019

Data Scientist
Webzen   📍 Pangyo Korea

- Development of MMORPG abuser Detection
- Analysis of gold farmers throught network
- Dashboard deveopment of SNS monitoring
- Development of automatic biz report generator

2012 | 2014

Automative Semiconductor Development Purchasing
Hyundai Autron   📍 Pangyo Korea

- Qualifying automotive semiconductor suppliers
- Purchasing consolidation of automotive semiconductors
- Cost Reduction on automotive semiconductors
- Development of automotive semiconductors

2004 | 2012

Purchaing Data Specialist
Hyundai Motor Company   📍 Seoul Korea

- Establishment of the country of origin management framework for automobile FTA
- Analysis of FTA country of origin management effect
- FTA hub, EDI standard, and open source distribution for country of origin management
- SAP ABAP, ETRI SaaSpia, FTA C/O open source distribution and connection

CONTACT

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⭘ github.com/statkclee

📞 +82 010-XXXX-XXXX

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
|
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