

YOUHYUN KANG

yhkang@utexas.edu | 817-707-0503 | linkedin.com/in/lisayhkang | github.com/youhyun-kang

EDUCATION

UNIVERSITY OF TEXAS AT AUSTIN • Austin, TX

May 2021

Bachelor of Science in Mathematics with Specialization in Statistics, Data Analysis, and Probability

Bachelor of Arts in Economics | Business Foundations Certification

Relevant Coursework: Applied Statistics, Mathematical Statistics, Economic Statistics, Elements of Computers and Programming

SKILLS & TECHNOLOGY

Proficient in R, MS Excel | Familiar with Python | Exposure to SQL

Bilingual in Korean and English, Working proficiency in Spanish

EXPERIENCE

IC² INSTITUTE • Austin, TX

June 2020 – July 2020

Research Assistant (Regional Economic Recovery Team)

- Researched and gathered data about the City of Cameron and suggested possible methods to improve the city's economics and relieve economic pressure resulting from limitations caused by COVID-19 breakout
- Interviewed economic leaders and stakeholders of Cameron, TX, and collected over 100 economic surveys; analyzed the data in comparison to the entire Central Texas region using Excel and compiled the results into presentation format

SWEETCHARM COMPANY • Grapevine, TX

Jan 2017 – Present

Operations Manager

- Increased operational revenue by more than 33% by analyzing popular trends amongst children and adding new products to the menu (based on the analysis) to differentiate business from similar businesses in the field
- Implemented aggressive business marketing tools; started the online store using Square and initiated the use of social media for company-owned donut shop to promote business online

UNITED STATES ARMY RESERVE • Austin, TX | Pyeongtaek, South Korea

June 2016 – Present

Korean Linguist / Translator

- Translated various written and verbal information from English to Korean and vice versa to support US/ROK joint mission; Adapted translations to army's technical terms, collaborating with Korean army translators as necessary

Tactical Power Generation Specialist

- Unit's sole power generator mechanic; performed maintenance on power-generation equipment and associated equipment in mobile and stationary power plants to maintain power supplies in mission ready condition
 - Led a class of 22-soldier class during Army job training; served as communication medium between instructors and soldiers
-

PROJECTS

Chuck-A-Luck Simulations

- Created a code in R that runs simulations of 100 chuck-a-luck games (representing gamblers) and returns the average number of games played by those who went bankrupt, those who won, and everyone who played.

Reducible Words

- Created a program using Python that outputs the longest word that is reducible from the given word list file
-

HONORS & LEADERSHIP ACTIVITIES

Freetail Hackers • Austin, TX

Feb 2020 – Present

Corporate Organizer

- Secured sponsorships for HackTX, the biggest hackathon at UT, by reaching out to companies and effectively advertising the event; managed relationships between organization and the companies