

Lisa Kang

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EDUCATION

The University of Texas at Austin

May 2021

B.S. Mathematics, *Specialization in Statistics, Probability and Data Analysis*

B.A. Economics, Business Minor | Dean's Honor List

Relevant Coursework: Econometrics, Applied Statistics, Discrete Math, Mathematical Statistics, Computers and Programming, Probability, Linear Algebra and Matrix Theory, Real Analysis, Differential Equations, Research Methods

WORK EXPERIENCE

The University of Texas at Austin – McCombs School of Business | *Junior Data Engineer*

February 2021 – Present

- Utilized Python, R, and STATA, to organize data statistics and to develop a recommender system for Dr. Yan Leng's current research on network effect in recommender systems

DataReadyDFW | *Volunteer Data Analyst*

January 2021- Present

- Designed and built an end-to-end data pipeline for the organization's finance team to visualize financial data KPIs using financial dashboards in PowerBI

IC² Institute at The University of Texas | *Research Intern*

May 2020 – July 2020

- Worked on the Regional Economic Recovery Team to collect data on community assets of Cameron, TX, for institute's Community Asset Mapping Project by conducting interviews with stakeholders and distributing surveys
- Analyzed collected data using Excel to provide economic development solutions that may enhance community's business capabilities

SweetCharm Company | *Sales Operations Manager (February 2019 – Present), Sales Operations Intern (Jan 2017 – July 2018)*

- Developed and executed an improved operational plan from analysis of sales trends and daily interactions with the customers; resulted in an increase of monthly revenues by more than 30%
- Initiated and created online store using Square to improve customer engagement and promote business online presence

US Army Reserve | *Tactical Power Generations Specialist (June 2016 – Present), Korean Linguist (August 2019)*

- Managed and performed maintenance on power-generation equipments in mobile and stationary power plants to maintain power supplies in mission-ready condition; Trained 50+ soldiers on power generation maintenance procedures
 - Translated written and verbal communications from English to Korean and vice-versa to support US and South Korea 2019 joint mission
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PROJECTS

The Effect of State Marriage Rates on Happiness - STATA

- Used STATA to generate linear regression model to explore possible causes behind decline in US happiness rating with focus on the effect of state marriage rates on happiness

Cloud Pantry – *Python, Django, PostgreSQL*

- Created a web application that uses image recognition to scan and upload photos of groceries in a database to help users recognize grocery items they already own; collaborated remotely with a team of 4 students
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ACTIVITIES

IC² Institute Economic Development Student Challenge 2020 | *Team La Grange Lead (Sep 2020- Nov 2020)*

- Led team of 4 students to construct a 2-phase economic development proposal for the community of La Grange, TX
- Team La Grange was selected as a finalist team to present the proposal to the directors and advisory board members of IC² Institute

Freetail Hackers | *Corporate Organizer (Feb 2020 – Present), Web Development Co-lead (Fall 2020)*

- Organized HackTX with team of 30 students for over 700 virtual attendees; led the beginner web development workshop
 - Maintained sponsorships and oversaw communications with corporate companies, start-ups, and other student organizations
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SKILLS

Technologies – Python, R, SQL, STATA, HTML & CSS

Languages – Bilingual in Korean & English

Work Authorization – US Citizen