Siyeon (Shaun) Kim

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Education

University of Virginia, Charlottesville, VA | *Expected May 2021*

B.A. in Statistics and in Computer Science

- **GPA**: 3.71/4.0 | **Major GPA**: 3.76/4.0 | **Honors**: Dean's List | **Relevant Coursework**: Programming, Statistical Analysis, Probability, Regression Analysis, Data Structure, Sampling Methods, Machine Learning, Algorithm, Database

The Loomis Chaffee School, Windsor, CT | *Sept 2014 - May 2017*

- Member of the Cum Laude Society (top 15%)

Work Experience

Clova AI | Naver Corporation | *June 2020 – Aug 2020*

Machine Learning Engineer Intern

- Developed and fine-tuned a toxic reply filtering model for NAVER news forum by utilizing BERT transformer, which resulted in an F1 score of 94.87 and had an experience of creating a baseline model using LSTM and RNN
- Developed an algorithm that will select topics from a news article utilizing search trend spike, built a demo using JavaScript to demonstrate the algorithm, and familiarized other Natural Language Processing tasks in doing so
- Utilized Spark to fetch and build a data pipeline from Hadoop and preprocessed the data

Teaching Assistant for Machine Learning | *Jan 2020 – May 2020*

Teaching Assistant

- Worked closely with the professor to develop the course material for Introduction to Machine Learning (CS 4774) and evaluated the performance of the students
- Provided help to students during office hour with various machine learning algorithms and applications

Boichuk Lab | McIntire School of Commerce | *Aug 2019 – May 2020*

Data Science Researcher

- Conducted data analysis using R on benefit corporations and the correlations between the companies and interests from the public by utilizing different regression techniques
- Designed research methods using literature reviews, designing surveys, collecting raw data from scraping Google trend data

Darden School of Business | *April 2019 – Aug 2019*

Product Management Intern

- Built a new, leading-edge website on Drupal 8 platform by collaborating with web-developers, designers, communication and marketing team, and individual departments of information
- Determined design compositions, site maps, and image qualifications for over 800 webpages based on the user feedback, website traffic and A/B testing result from the previous Darden website

Leadership & Activities

Alpha Kappa Psi Professional Business Fraternity | *Feb 2018 - Present*

VP of Membership

- Organized the fraternity's 10+ professional and 20+ social events per year with a chapter size of 80 members

Marketing Lead & Chair

- Created promotional materials and promoting Alpha Gamma's professional, fundraising, or rush events through all pertinent media venues including social media and the website
- Lead marketing projects by teaching and evaluating the work of the probationary members and incorporated data analytics

Projects

Crowd-source Data Platform | *Sep 2020 - Present*

- Built web application that allows people to crowd-source data collection; admin can request specific data collection tasks, and the regular users will submit data and determine the quality of the data submitted
- Developed the web application via Django, Python, and Maria-DB on CentOS environment and was in charge of the backend, frontend development and database design

Facebook Data Challenge | *March 2019*

- Presented a data-driven pitch, which analyzed the business landscape of San Francisco, utilizing Tableau and R, and developed a food delivery business, SC-EAT, using electronic scooters to optimize inefficiencies in the market
- Selected as a finalist for the Data Challenge NYC, a selective, two-day career development program for data science
- Was offered an internship as a Data Scientist but got canceled due to Covid-19

Skills &Interests

Technical: Python (Proficient), R(Proficient), SAS(Proficient), Java (Proficient), MySQL(Proficient), Tableau (Intermediate), JavaScript (Intermediate), HTML (Elementary), Spark (Elementary), Hadoop (Elementary), Microsoft Suite

Languages: Fluent in English and Korean, Intermediate proficiency in Chinese and German

Other Studies and Projects: Relations Between Air Pollution and Happiness, UVA Wheelchair Access, Life Satisfaction in Virginia, Benefit Corporation Crawling + Analysis, Toxic Reply Modeling, News Topic Modeling, Double-Hoo Study, Covid-19 Flight Visualization

Interests: YouTube, Instagram influencers, cosmetic industry, Vienna Secession