

Wootack Oh

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OBJECTIVE

To obtain a comprehensive experience in a data-driven analytics position

EDUCATION

The Pennsylvania State University, Eberly College of Science

Bachelor of Science in Statistics – Applied Option

Minor in Economics

Dean's List (4 out of 5 semesters)

University Park, PA

Anticipated to graduate in May 2018

Cumulative GPA 3.82/4.00

PROFESSIONAL EXPERIENCE

Devsisters

Data Scientist

Seoul, South Korea

May 2017 – Present

- Deliver ad-hoc analysis to multiple teams that need the support of data analytics, which cultivated data-driven decision-making atmosphere and led to all-time high daily revenue
- Craft detailed dashboards using Mode Analytics (Like Tableau) to visualize periodic metrics for various teams to gauge product health and game economies
- Build predictive models to predict user life-time value, which established marketing strategy and game-design plans
- Manage ETL (extract, transform, load) jobs that pull data from AWS S3 using Spark batch jobs and transform them into desired tables suitable for analysis

Korea Defense Intelligence Command

Measurement & Signature Intelligence Department, Squad Leader / Sergeant

Seoul, South Korea

November 2013 – August 2015

- Monitored military activities associated with North Korea and compiled early warning reports disseminated to support Republic of Korea Armed Forces (ROKAF) and US Forces in Korea (USFK)
- Retrieved real-time data collected from ROKAF military assets and analyzed the data using a software to provide backgrounds in producing detailed analytical reports on daily basis
- Responsible for motivating 10 direct reports to collect valuable intelligence and to assist officers under a stressful 24/7 shift
- Assisted monthly meetings with USFK counterpart as an interpreter and also acted as a liaison to share intelligence during various military incidents

RELATED EXPERIENCE

DATAFEST

Participant

University Park, PA

April 2016

- Gained hands-on experience in Data Science by retrieving, cleaning, and analyzing 1,000,000+ rows of Ticketmaster's Google Analytics data
- Performed a successful presentation to judges and participants, sharing the method to sort out ticket scalpers and proposing price discrimination strategy to improve customer experience while maximizing the revenue

YWI Studios

Co-Founder

Seoul, South Korea and University Park, PA

June 2016 - Present

- Created an Android application that calculates a midway station for multiple people coming from different stations and ready to be launched in Google Play
- Acquire an in-depth experience of managing and launching an independent project as well as skills using Android Studios for developing and Amazon Web Services for back-end servers

LEADERSHIP AND ACTIVITIES

Penn State Korean Catholic Church

Lead Conductor

University Park, PA

August 2015 – May 2017

- In charge of the choir and the band to perform successfully during the Mass as well as coordinating weekly practices
- Developed leadership and group communication skills through managing members and harmonizing them into one team
- Attended regular meetings to discuss upcoming events and administrative decisions with other administration leaders

Korea Investment Business Club

Member

University Park, PA

January 2016 – May 2017

- Collaborated with other members within the organization to publish business analysis reports on diverse topics including merger & acquisitions, artificial intelligence, and newly launched services
- Developed group communication skills through directing the brainstorming process of the topic and editing first drafts with other members

SKILLS

- Languages: Bilingual, fluent in English and Korean
- Programming Software and Languages: R, SAS, Python, and Arduino
- Tools: Advanced proficiency in Microsoft Power Point, Excel, and Word
- Interests: Cooking, Guitar, Squash, Swimming, Soccer, and Avid Traveler