

Jaekun Lee

Room 1058, 2111 Lower Mall, Vancouver, BC, Canada V6T 1Z4
+1 778 318 7837
agdal1125@gmail.com



Personal blog
<https://agdal1125.github.io>

RESEARCH INTEREST

Data Science; Machine Learning; Network Analysis; Natural Language Processing; Named Entity Recognition

EDUCATION

UNIVERSITY OF BRITISH COLUMBIA (September. 2019 – July. 2020)

Vancouver, BC, Canada

Master of Science in Data Science

YONSEI UNIVERSITY (March. 2013 – August. 2019)

Seoul, Korea

Bachelor of Science in Creative Technology Management

Cumulative GPA: 3.78/4.3

Honors & Awards

- Honor roll in 2018-1
- Merit-based scholarship in 2018-1
- High honor roll in 2017-2
- Merit-based scholarship in 2017-2

Courses related to research interest: Linear Algebra, Introduction to Statistics, Introduction to Computer Science, Introduction to Business Analytics, Statistical Methods, Computer Programming, Social Network Analysis, Smart Service System, IT Foundation, Undergraduate Directed Study, Business Strategy and Data Analytics, Social Innovation Capstone Project II,

ANYANG FOREIGN LANGUAGE HIGHSCHOOL (March. 2010 – February. 2013)

Anyang, Gyeonggi, Korea

WORK EXPERIENCE

CREVASSE A.I (April.1st – May 3rd)

Seoul, Korea

Worked as a student researcher designing algorithm and developing python modules of StyleGAN project

DELOITTE CONSULTING LLC. DATA ANALYTICS GROUP (January. 2019 – February. 2019)

Seoul, Korea

Data Science Intern for Automating Underwriting Insurance QA model; processed, queried, performed EDA with Python and R

YONSEI SOCIAL INNOVATION WEEKEND TUTOR (January. 2018)

Seoul, Korea

Worked as a tutor for social leadership weekend where students learned about machine learning with application of Python

YONSEI SOCIAL INNOVATION WEEKEND TUTOR (February. 2017)

Seoul, Korea

Worked as a tutor for social leadership weekend where students learned about data science with application of Python

RESEARCH & TEACHING EXPERIENCE

UNDERGRADUATE DIRECTED STUDY – ADVISED BY PROF. KEEHEON LEE

(September. 2018 – December. 2018) Seoul, Korea

Research Paper

- Title: Forecasting Promising Technology and Business Strategy through Corporate Patent Network
- Role: USPTO patent data crawling, Data mining using SQLite and Python, Network Analysis



RESEARCH ASSISTANT AT YONSEI UNIVERSITY HUMAN & ARTIFICIAL INTELLIGENCE LAB

(December. 2017 – April. 2018) Seoul, Korea

Research Project

- Title: Analysis on News Abusing with Trending Keywords
- Role: Crawling news data using Python

RESEARCH ASSISTANT AT YONSEI UNIVERSITY HUMAN & ARTIFICIAL INTELLIGENCE LAB

(December. 2016 – April. 2018) Seoul, Korea

Research Paper

- Title: Optimization Problem of Institutional Influence for Intelligent Administration
- Role: Crawling news data using Python, Propagation Tests (Independent Cascade Model)

Presented at 2018 Fall Joint Conference organized by (KIEE, KSS, KORMS)

RESEARCH ASSISTANT AT YONSEI UNIVERSITY HUMAN & ARTIFICIAL INTELLIGENCE LAB

(December. 2016 – April. 2018) Seoul, Korea

Research Project

- Title: Technology-Society Interaction Data Science: Generative Adversarial Scenario Model for Strategic Planning
- Fund: National Research Foundation of Korea
- Role: Crawling metadata (USPTO patent data) and creating RESTful API

RESEARCH ASSISTANT AT YONSEI UNIVERSITY HUMAN & ARTIFICIAL INTELLIGENCE LAB

(December. 2016 – April. 2018) Seoul, Korea

Research Project

- Title: A Study on Knowledge Data Representation and Analysis for Big Data-driven Future Studies
- Fund: Yonsei University
- Role: Crawling metadata using Python

TEACHING ASSISTANT AT YONSEI UNIVERSITY (March. 2017 – June. 2017)

Seoul, Korea

Instructed Course: Social Network Analysis (<https://github.com/agdal1125/SNA>)

PROJECTS

PERSONAL PROJECT (October.2019 – Present)

Recommendation System based on Cocktail Ingredient Analysis (https://agdal1125.github.io/my-projects/Cocktail_Data/)

YONSEI TAD CAPSTONE PROJECT (September.2018 - Present)

Developing COSMOS (Cosmetic Online Service) Recommendation System Platform

YONSEI UIC FAQ CHATBOT DEVELOPMENT COMPETITION (May.2018 – June 2018)

1st Prize Team on FAQ chatbot service (Using KakaoTalk RESTful API and pythonanywhere)

YONSEI SOCIAL INNOVATION CAPSTONE PROJECT 2 – PPUCHA (September.2017 – December.2017)

Developed prenatal public chair reservation system, ppucha with application of Postgres DB, Heroku, KakaoTalk API, Barcode generation using Python



OTHER EXPERIENCE

YONSEI ISSU (Information System Sig of Undergraduate) Member (October. 2017 – June. 2019) **Seoul, Korea**
IT Study Session Leader, Instructor, Collaborations with IT Firms (Coupang, Playwings)
<https://www.issu.biz>

RESIDENTIAL ASSISTANT (February. 2018 – December.2018) **Incheon, Korea**
Residential assistant at Allen International House of Yonsei International Campus

The 5th AIEA-NBER Conference (October. 2017) **Seoul, Korea**
Conference Student Attendee

4th STUDENT COUNCIL QUANTUUM MEMBER (September. 2016 – December. 2016) **Seoul, Korea**
Student Council Member of Creative Technology Management major

KOREA COAST GUARD AUXILIARY POLICE (October. 2014 – July. 2016) **Incheon, Korea**
Honorably discharged as a sergeant from KCG police

KOREAN IT VOLUNTEER (July. 2013 – August. 2013) **Laguna, Philippines**
Korean IT volunteer, sponsored by World Friends, at Dela Paz West Elementary School in Philippines