

Chanjun Park

NATURAL LANGUAGE PROCESSING & ARTIFICIAL INTELLIGENCE LAB · KOREA UNIVERSITY

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Research Interests

I am a MS/Ph.D student in the Department of Computer Science and Engineering at Korea University. My advisor is prof. Heuiseok Lim, and I am part of the Natural Language Processing & Artificial Intelligence Lab.

- Natural Language Processing
- Deep Learning
- Machine Translation
- Grammar Error Correction
- Simultaneous Speech Translation
- Neural Symbolic Computing

Education

Korea University

M.S/PH.D IN COMPUTER SCIENCE AND ENGINEERING, GPA: 4.5 / 4.5

Seoul, South Korea

Sep. 2019 - Current

- Advisor: Heuiseok Lim
- Natural Language Processing & Artificial Intelligence Lab

Busan University of Foreign Studies(BUFS)

B.S. IN NATURAL LANGUAGE PROCESSING & CREATIVE CONVERGENCE, GPA: 4.2 / 4.5

Busan, South Korea

Mar. 2015 - Exp. Aug. 2018

- Advisor: Pummo Ryu
- Full Scholarship

Honors & Awards

2020.05	Best practices for using NIA AI training data(Korean-English Neural Machine Translation model) , AI Hub	South Korea
2019.10	Best Paper Award, 2019 , HCLT 2019	South Korea
2019.10	1st Place Microsoft AI Accessibility Hackathon in Korea (Team Lead) , Microsoft	South Korea
2019.03	Graduate School Associate Scholarship , Sungkyunkwan University	South Korea
2018.10	차세대 정보 컴퓨팅 개발 사업 언어처리경진대회 장려상, 차세대 정보 컴퓨팅 개발 사업	South Korea
2017.06	Bit Computer Excellence Award (President Award) , Bit Computer	South Korea
2015-2019	Full Scholarship , BUFS	South Korea
2016-2017	Scholarship for academic excellence , Sooyoungro Church	South Korea

Selected Publications

Neural Spelling Correction: Translating Incorrect sentences to Correct sentences for Multimedia

Chanjun Park, Kuekyeng Kim, YeongWook Yang, Minho Kang, HeuiSeok Lim

Multimedia Tools and Applications (2020) pp. 1–18. Springer, 2020

Ancient Korean Neural Machine Translation

Chanjun Park, Chanhee Lee, YeongWook Yang, Heuiseok Lim

IEEE Access 8 (2020) pp. 116617–116625. 2020

Comparison of the evaluation metrics for Neural Grammatical Error Correction with Overcorrection

Chanjun Park, YeongWook Yang, Chanhee Lee, Heuiseok Lim

IEEE Access 8 (2020) pp. 106264–106272. 2020

Selected Research Experience

COVID-19 Machine Translation Platform

RESEARCHER IN KOREA UNIV

Seoul, South Korea

May. 2020. - Present

- Neural Machine translation specialized for COVID-19 domain
- Skills: Neural Machine Translation, Pytorch, Python

Domain Specialized Neural Machine Translation (Security)

Seoul, South Korea

RESEARCHER IN KOREA UNIV

May. 2020. - November.2020

- Research on Neural Machine Translation specialized for security domain
- Skills: Neural Machine Translation, Pytorch, Python
- Supported by "National Security Research Institute"
- Project Manager, Tech Lead
- Development of the latest translation model based on Transformer/BERT, AI-based Korean-English translation model suitable for the security field, and research trend of the latest AI-based translation technology research

A Neural-Symbolic Model for Knowledge Acquisition and Inference Techniques

Seoul, South Korea

RESEARCHER IN KOREA UNIV

April. 2020. - Present

- Neural-Symbolic Model Research and Development
- Skills: Neural Symbolic Computing, Knowledge base, Pytorch, Python
- Supported by Ministry of Science, ICT and Future Planning

Ancient Korean Neural Machine Translation

Seoul, South Korea

RESEARCHER IN KOREA UNIV

March. 2020. - Present

- Ancient Korean Translation Research
- Skills: Pytorch, Python, REST API, Flask, Neural Machine Translation
- Demo: <http://nlplab.iptime.org:32242/>
- Publication of research paper in IEEE Access: <https://ieeexplore.ieee.org/document/9125904/>

Neural Symbolic - Neural Theorem Provers(NTP)

Seoul, South Korea

RESEARCHER IN KOREA UNIV

January. 2020. - March.2020

- Neural Theorem Provers Research based on Neural Symbolic
- Skills: WordNet, Python, REST API, Flask, Neural Symbolic
- Demo: <http://nlplab.iptime.org:32245/>

Deep Learning based Korean Spelling Correction

Seoul, South Korea

RESEARCHER IN KOREA UNIV

June. 2019. - April.2020

- Development of Korean spelling corrector based on deep learning
- Skills: Pytorch, Python, REST API, Flask, Neural Machine Translation
- Demo: <http://nlplab.iptime.org:32288/>
- Publication of research paper in multimedia tools and applications: <https://link.springer.com/article/10.1007/s11042-020-09148-2>

Deep Learning based Grammar Error Correction

Seoul, South Korea

RESEARCHER IN KOREA UNIV

June. 2019. - Present

- Deep learning based English grammar corrector development
- Skills: Pytorch, Python, REST API, Flask, Neural Machine Translation
- Demo: <http://nlplab.iptime.org:32292/>
- Publication of research paper in IEEE Access: <https://ieeexplore.ieee.org/document/9102992>

Multilingual Neural Machine Translation

Seoul, South Korea

RESEARCHER IN KOREA UNIV

June. 2019. - Present

- Deep learning based Korean-English and English-Korean, Korean-Japanese machine translator development
- Research for Parallel Corpus Filtering, Data Augmentation, Various decoding strategies
- Skills: Pytorch, Python, REST API, Flask, Neural Machine Translation
- Demo: <http://nlplab.iptime.org:32296/>
- Best practices for using NIA AI training data: <http://www.aihub.or.kr/node/4525>

Development of English Free-talking system and grammar correction feedback system using NAO robot

Seoul, South Korea

RESEARCHER IN KOREA UNIV

April. 2019. - Dec.2019

- Team Leader
- Demo: <https://www.youtube.com/watch?v=pSBXouica-A>
- Skills: Pytorch, Python, Google Cloud Platform, REST API, Nao Toolkit

An AI Service to support communication and language learning for people with developmental disability

Seoul, South Korea

RESEARCHER IN KOREA UNIV

June. 2019. - March.2020

- 1st Place Microsoft AI Accessibility Hackathon in Korea (Team Lead)
- Design of augmentative alternative communication (AAC) software for children with developmental disabilities
- Award: <https://bit.ly/2vPaZ91>
- Demo: <http://nlplab.iptime.org:32257/>

Research and development of human-inspired multiple intelligence

RESEARCHER IN KOREA UNIV

- Human-inspired language understanding model
- Funded by the Korea Ministry of Science and ICT (MSIT)
- Site: <http://hi.ai.co.kr/>

Seoul, South Korea

September. 2019. - Present

차세대 정보 컴퓨팅 기술 개발 사업

RESEARCHER IN KOREA UNIV

- Development of Core Application Techniques for Korean Intelligent Systems
- 한국어 정보처리 원천 기술 연구 개발

Seoul, South Korea

September. 2019. - Present

Core technology development of the real-time simultaneous speech translation based on knowledge enhancement

RESEARCHER IN SYSTRAN

- Collaboration with the Korea Electronics and Telecommunications Research Institute (ETRI) Language Intelligence Research Group
- Director: Dr. Young-Gil Kim (ETRI)
- 3rd year: Real-time lecture interpretation solution development
- 4th year: Busan University of Foreign Studies Field Group Test (FGT) progress and software maintenance
- Skills: JAVA, JAVA FX, Kaldi

Seoul, South Korea

June. 2018. - July.2019

Neural Machine Translation service for SK Telecom's in-house education program

RESEARCHER IN SYSTRAN

- Development of automation software to provide translation service to SK Telecom's in-house education program
- Skills: Python

Seoul, South Korea

April. 2019. - April.2019

LCloud-API Platform Service Development

RESEARCHER IN SYSTRAN

- Planning and development of natural language processing API Platform Service
- Gravitree IO-based platform design, planning, marketing materials production, strategy establishment
- REST API management using Swagger
- Transcription API, Translation API, Address Correction API, Speaker Verification API
- Learned Microservices architecture(MSA),IT Infrastructure
- Skills: Gravitree IO, Microservices architecture(MSA), IT Infrastructure, Mockup, Marketing, Strategic Planning, Technology management, Amazon AWS

Seoul, South Korea

January. 2019. - June.2019

Speech recognition transcription tool development

RESEARCHER IN SYSTRAN

- Development and maintenance of speech recognition transcription tool, modification and addition of various functions
- Skills: Front End, Spring Boot, Flask, AJAX, MySQL, Kaldi,

Seoul, South Korea

January. 2019. - July. 2019

CJ Logistics Speech Recognition Agent

RESEARCHER IN SYSTRAN

- CJ대한통운 택배기사 작업용 애플리케이션에 인공지능(AI) 가상비서 기능 탑재 Project
- 각종 Manual 작업 및 Q.A & Q.C 진행
- 실제 택배기사님과 동승하여 FGT(Field Group Test) 진행
- Skills: Quality Assurance, Quality control, Mockup, Strategic Planning, Kaldi

Seoul, South Korea

Aug. 2018. - July. 2019

Automatic subtitle generation platform service development and planning

RESEARCHER IN SYSTRAN

- Development and maintenance of automatic subtitle generation platform
- Establish platform service strategies such as B2B and B2C
- Various company contacts and SWOT analysis
- Skills: JAVA, JAVA FX, Kaldi, Mockup, Strategic Planning, Technology management, Marketing

Seoul, South Korea

June. 2018. - June.2019

Planning of English speaking evaluation platform service

RESEARCHER IN SYSTRAN

- Establishing a service strategy using English speaking evaluation technology
- English speaking evaluation technology Q.A & Q.C
- Skills: Quality Assurance, Quality control, Mockup, Strategic Planning, Technology management, Marketing

Seoul, South Korea

June. 2018. - December.2018

Customer-specific recognizer service platform service planning

RESEARCHER IN SYSTRAN

- Customer-specific recognizer service app service design
- Establish platform service strategies such as B2B and B2C
- Skills: Mockup, Marketing, Strategic Planning, Technology management

Seoul, South Korea

June. 2018. - April.2018

Speech Recognition Research

RESEARCHER IN SYSTRAN

- Research for Automatic Speech Recognition Technology
- Acoustic Model, Language Model
- Speaker Verification
- Kaldi
- English speaking evaluation
- Real-time speech recognition system
- Skills: Kaldi

Seoul, South Korea

Aug. 2018. - July. 2019

Neural Machine Translation Research

RESEARCHER IN SYSTRAN

- Research for Neural Machine Translation
- Skills: OpenNMT Tensorflow, OpenNMT Pytorch

Seoul, South Korea

Aug. 2018. - July. 2019

다문화가정을 위한 한국어 어휘의미분석 기반 다국어 어휘대역어 제공 서비스 개발 및 활용

RESEARCHER IN BUFS

- 어휘대역서비스 앱 '한통이(Han-Tong-E)' 개발
- 울산대학교 옥철영 교수님 연구실과의 협업
- 프로젝트 홈페이지 제작 진행
- Utagger에 대한 심층적인 이해 및 WSD 관련 세미나
- 프로젝트 관련 데이터 구축 및 설문조사 시행
- Project Page: <https://bufsconv.blogspot.kr/>
- Funded by National Research Foundation of Korea(NRF)

Seoul, South Korea

Sep. 2016. - June. 2018

한국어 기계학습 및 평가용 Gold Standard 언어자원 بانک 구축(차세정 과제)

RESEARCHER IN BUFS

- 차세대 정보 컴퓨팅 기술개발 사업(자연어처리 기술)
- 한국어 NLTK 개발을 목적으로 함.
- 한국어 자동 띄어쓰기, 한국어 복합명사 분해기 개발
- 한국어 기계학습 및 평가용 Gold Standard 언어자원 بانک 구축
- Skills: Python

Seoul, South Korea

Sep. 2017. - June. 2018

공공기관 연계 지역 산업 육성사업(인력양성)

RESEARCHER IN BUFS

- 한국산업기술진흥원 주관

Seoul, South Korea

Sep. 2016. - Aug. 2017

단문/중문 질문 대상 시맨틱 프레임 생성에 대한 기초연구(ExoBrain)

RESEARCHER IN BUFS

- 단문/중문 질문 대상 시맨틱 프레임 생성에 대한 기초연구

Seoul, South Korea

Oct. 2015. - Feb. 2016

Professional Experience

SYSTRAN, Automatic Speech Recognition(ASR) Team

Seoul, South Korea

RESEARCH ENGINEER

Sep. 2018 - July. 2019

- Core technology development of the real-time simultaneous speech translation based on knowledge enhancement (ETRI)
- Participated in NTT Docomo speech Recognition Solution Project
- Participated in CJ Logistics speech recognition agent development project
- Participated in Samsung SDS speech recognition project
- Speech recognition service planning and development (Real-time lecture interpretation, Automatic subtitle generation service, English speaking evaluation, Customer-specific recognizer service, Web RTC-based Real-time video interpretation)
- Deep learning based speech recognition research (Acoustic Model, Language Model Training)
- Machine Translation research
- IaaS and PaaS service planning, API Platform service operation planning, B2B B2C planning and development
- Micro Service Architecture Design and Successful API Platform Service Launching Experience (LCloud)
- Governmental project proposal experience
- Reason for leaving: Graduate school

SYSTRAN, Automatic Speech Recognition(ASR) Team

Seoul, South Korea

RESEARCH INTERN

June. 2018 - August. 2018

- Participated a project "Core technology development of the real-time simultaneous speech translation based on knowledge enhancement (ETRI)"
- Developed Simultaneous Speech Translation (implemented using JAVA, Python and Kaldi)

Skills

Programming	JAVA, Python, C / C++
Machine Learning & Deep Learning	Pytorch, Keras, Tensorflow, OpenNMT, Kaldi
Natural Language Processing	Machine Translation, Speech Recognition, Neuro-Symbolic Computing
Full Stack	Html, CSS, Javascript, Java FX, Oracle, MySQL, Spring Boot, VertX, AWS
Strategy & Planning	API Platform Service, Platform Service Planning, Gravitee IO, PaaS, IaaS, Q.A, Q.C, Mockup, Swagger
Etc	MS Office, Redmine, Linux, Docker, Web RTC, Latex
Language Skills	Korean, English, Japanese, Thai, Myanmar

Patents

2019.12 **Device and method for correcting Korean spelling**, Apply for a patent

South Korea

Demo

2019.12 **Deep Learning based English Grammar Error Correction**, <http://nlplab.iptime.org:32292/>

South Korea

2019.12 **Deep Learning based Korean Spelling Correction**, <http://nlplab.iptime.org:32288/>

South Korea

2020.01 **Korea University Neural Machine Translation**, <http://nlplab.iptime.org:32296/>

South Korea

2020.02 **Neural Symbolic Inference**, <http://nlplab.iptime.org:32245/>

South Korea

2020.03 **Korean Classic Translation**, <http://nlplab.iptime.org:32242/>

South Korea

2020.03 **Text to Pictogram Demo for Children with Developmental Disabilities**, <http://nlplab.iptime.org:32257/>

South Korea

2020.05 **COVID-19 Machine Translation Platform**, <http://nlplab.iptime.org:32250/>

South Korea

Invited Talk & Teaching Experience

Korea University

South Korea

TEACHING ASSISTANT

2020.1st semester

- (COSE461) Natural Language Processing
- (DFC615) Artificial Intelligence and Natural Language Processing
- Lecture materials: <https://github.com/Parkchanjun/KU-NLP-2020-1>

LLsoLLu

South Korea

PRESENTER

March. 2020

- Latest natural language processing trends
- Language Representation, Neural Symbolic Computing
- Invited by LLsoLLu Global Strategy and Planning Team

NC SOFT

PRESENTER

- Technology Transfer Seminar
- Korean Spelling Corrector Using Automatic Noise Generation Methodology
- Invited by NC SOFT Language AI Team

South Korea

February. 2020

Dongguk University

PRESENTER

- A.I - NLP - MT for Liberal Arts
- Introduction to Natural Language Processing, RBMT, SMT, NMT, OpenNMT
- Invited by Dongguk University, Department of English Language and Literature professor. Myung-Kwan Park
- Lecture materials: https://github.com/Parkchanjun/Dongguk_AI_NLP_MachineTranslation

South Korea

January. 2020

SKC

INSTRUCTOR

- Deep Learning and Natural Language Processing Course
- Introduction of Text Preprocessing and NLP for Linguistics
- Introduction of Word Embedding
- Introduction of Machine Translation
- Lecture materials(Text Preprocessing): https://github.com/Parkchanjun/SKC_Text_Preprocessing
- Lecture materials(Introduction of Machine Translation): https://github.com/Parkchanjun/SKC_MachineTranslation

South Korea

Oct. 2019 - Nov. 2019

Naver Tech Talk

PRESENTER

- Machine Translation for Everyone
- Invited by Sung Kim who are the Head of Naver Clova A.I
- Lecture videos: <https://tv.naver.com/v/9906991>

South Korea

Aug. 2019

SK T Academy

INSTRUCTOR

- Machine Translation for Everyone
- Invited by SK Planet
- Introduction to Natural Language Processing, RBMT, SMT, NMT, OpenNMT
- Lecture videos: <https://tacademy.skplanet.com/live/player/onlineLectureDetail.action?seq=165>

South Korea

Aug. 2019

Sooyoungro Church

INSTRUCTOR

- Sooyoungro Church Dream Bowl School Instructor (Free Service)
- Basic English Grammar and English Conversation Education

South Korea

Aug. 2017 - Dec. 2017

Korea Press Foundation

INSTRUCTOR

- Reading mentoring

South Korea

Aug. 2015 - Dec. 2015

All Publications

INTERNATIONAL JOURNAL

Neural Spelling Correction: Translating Incorrect sentences to Correct sentences for Multimedia

Chanjun Park, Kuekyeng Kim, YeongWook Yang, Minho Kang, HeuiSeok Lim

Multimedia Tools and Applications (2020) pp. 1-18. Springer, 2020

Ancient Korean Neural Machine Translation

Chanjun Park, Chanhee Lee, YeongWook Yang, Heuiseok Lim

IEEE Access 8 (2020) pp. 116617-116625. 2020

Comparison of the evaluation metrics for Neural Grammatical Error Correction with Overcorrection

Chanjun Park, YeongWook Yang, Chanhee Lee, Heuiseok Lim

IEEE Access 8 (2020) pp. 106264-106272. 2020

INTERNATIONAL CONFERENCE

PicTalky: Deep learning-based speech therapy platform for developmental disabilities

Chanjun Park, Yanghee Kim, Yoonna Jang, Umadevi G.R, HeuiSeok Lim

The International Conference on Big data, IoT, and Cloud Computing, 2020

Toward High Quality Parallel Corpus Using Monolingual Corpus

Chanjun Park, Youngdae Oh, Jongkeun Choi, Dongpil Kim, HeuiSeok Lim

The 10th International Conference on Convergence Technology, 2020

Data Augmentation Method for Korean Neural Machine Translation

Chanjun Park, Kinam Park, HeuiSeok Lim

Self- Supervised Korean Spelling Correction via Denoising Transformer

Chanjun Park, Sungjin Park, HeuiSeok Lim

INTERNATIONAL CONFERENCE ON INFORMATION, SYSTEM AND CONVERGENCE APPLICATIONS, 2020

Can artificial intelligence translate the Annals of the Joseon Dynasty ?

Chanjun Park, Sungjin Park, Kinam Park, Jaechoon Jo, HeuiSeok Lim

The 10th International Conference on Convergence Technology, 2020

Free Talking NAO Robot for Children

Chanjun Park, Jaekue Choi, Sungjin Park, Yanghee Kim, HeuiSeok Lim

International conference on Interdisciplinary research on Computer Science, Psychology, and Education, 2019

Improved Machine Translation Performance Using Two Stage Subword Tokenization

Chanjun Park, Sora Choi, HeuiSeok Lim

International conference on Interdisciplinary research on Computer Science, Psychology, and Education, 2019

Quality before Quantity: Improved Machine Translation performance using parallel corpus filtering

Chanjun Park, Seunggyu Han, HeuiSeok Lim

International conference on Interdisciplinary research on Computer Science, Psychology, and Education, 2019

Improved Machine Translation Performance Using Relative Ratio of Original and Synthetic Corpus

Chanjun Park, Jang Mook Kang

International conference on Interdisciplinary research on Computer Science, Psychology, and Education, 2019

DOMESTIC JOURNAL

An AI Service to support communication and language learning for people with developmental disability

Chanjun Park, Yanghee Kim, Yoonna Jang, Umadevi G.R, HeuiSeok Lim

Journal of the Korea Convergence Society 11.6 (2020) pp. 51-57. 2020

Automatic Post Editing Research

Chanjun Park, HeuiSeok Lim

Journal of the Korea Convergence Society 11.5 (2020) pp. 1-8. 2020

A Study on the Performance Improvement of Machine Translation Using Public Korean-English Parallel Corpus

Chanjun Park, HeuiSeok Lim

Journal of Digital Convergence 18.6 (2020) pp. 271-277. 2020

DOMESTIC CONFERENCE

한국어 언어학적 특성 기반 감성분석 모델 비교 분석

김경민, 박찬준, 임희석

The 31st Annual Conference on Human Cognitive Language Technology, 2019

병렬 코퍼스 필터링과 한국어에 최적화된 서브 워드 분절 기법을 이용한 기계번역

박찬준, 김경민, 임희석

The 31st Annual Conference on Human Cognitive Language Technology, 2019

신경망 기계번역에서 최적화된 데이터 증강기법 고찰

박찬준, 김규경, 임희석

The 31st Annual Conference on Human Cognitive Language Technology, 2019

Denoising Transformer 기반 한국어 맞춤법 교정기

박찬준, 정솔, 양기수, 이수미, 조재춘, 임희석

The 31st Annual Conference on Human Cognitive Language Technology, 2019

자연어 추론에서의 교차 검증 앙상블 기법 (우수논문상)

양기수, 황태선, 오동석, 박찬준, 임희석

The 31st Annual Conference on Human Cognitive Language Technology, 2019

지식증강형 실시간 강연통역 서비스 개발

박찬준, 강민호, 박병건, 김선태, 황명진, 김동필, 김영길

Korea Software Congress 2018, 2018

도메인 특화 방식을 이용한 비즈니스 회의 환경에서 음성인식 성능 개선

박찬준, 김선태, 강민호, 박병건, 황명진, 김연수

Korea Software Congress 2018, 2018

주소인식 시스템에서 TTS를 활용한 음성인식 성능 개선

박찬준, 김선태, 강민호, 황명진, 박병건, 김연수

Korea Software Congress 2018, 2018

2단계 한국어 복합명사 분해기

박찬준, 류범모

The 30st Annual Conference on Human Cognitive Language Technology, 2018

기계학습 알고리즘 앙상블 기법을 이용한 Spam/Ham 분류

박찬준, 류범모

Korea Computer Congress 2018, 2018

리소스 확장을 이용한 사전 기반 복합명사 분해기

박찬준, 원혜진, 류법모

Korea Computer Congress 2018, 2018

어절사전 및 형태소사전과 휴리스틱 방법을 이용한 Hybrid 한국어 띄어쓰기 모듈

박찬준, 최진혁, 류법모

Korea Software Congress 2018, 2018

BOOK CHAPTERS

Natural Language Processing Bible

Heuseok Lim, **Korea University NLP AI Lab**

Human Science, <https://www.aladin.co.kr/shop/wproduct.aspx?partner=rss&ISBN=K412637214>, 2020

네이버 자연언어처리 전문 블로그 운영

블로거

- "https://blog.naver.com/bcj1210"
- 자연언어처리를 위한 언어학
- 자연언어처리(NLP)
- 모두를 위한 기계번역
- 모두를 위한 사업, 전략, 기획
- NLTK로 배우는 자연언어처리
- 언어처리 관련 정보 및 기사
- 미래창조과학부 기자단
- 플리토 서포터즈
- 소프트웨어 공학
- Today's CCM

South Korea

2016.Dec-Present

OpenNMT Forum Members

MEMBERS

- OpenNMT Forum Members로 활동 중 (한국인 2번째)
- OpenNMT Pytorch,Tensorflow,Library Tutorial 제작 및 공유

South Korea

2019.July-2019.July

ETRI 주관 기계번역 품질 평가자

ESTIMATOR

- ETRI 주관 기계번역 품질 평가 진행 (총 2차)

South Korea

2019.October-2019.December

자연어처리와 언어지능 기초교육과정 수료

학생

- 고려대학교 Human-Inspired AI & Computing 연구소 주관

South Korea

2019.July-2019.July

자연언어처리 튜토리얼 수료 (2016-2019)

학생

- 언어공학회 주관 자연언어처리 튜토리얼 수료

South Korea

2016 - 2019

한국전자통신연구원 (ETRI) 기자단

REPORTER

- 한국전자통신연구원 (ETRI) 기자단 3기,4기 역임

South Korea

2016.Feb-2018.Feb

Flitto 서포터즈

서포터즈

- 제 1기 플리토 서포터즈

South Korea

2017.Dec-2017.Dec

미래창조과학부 기자단

REPORTER

- 미래창조과학부 기자단 활동
- 총 8건의 기사 발행
- Exobrain 퀴즈쇼 탐방
- URL: https://blog.naver.com/bcj1210/221147196551

South Korea

2016.Feb-2017.Feb

언어처리 기초 동영상 강의 계획서 기획

학생

- 류법모 교수님 언어처리 기초 동영상 강의 계획서 기획
- URL: https://bit.ly/2NmFJV1

South Korea

2016.July-2016.July

BIT Computer 고급 과정 수료

학생

- 비트 고급 과정 수료 및 비트 회장상 수상
- 비트 프로젝트 2급 자격증 보유
- 지능형 영어 학습 APP 개발

South Korea

2016.January-2016.August

BIT Computer 단기과정 수료

학생

- 비트 단기과정 수료 (C, JAVA, Data Structure)

South Korea

2015.June-2015.August

자연언어처리 및 컴퓨터공학 관련 과목 수강 내역

학생

- 컴퓨터 프로그래밍 기초1 (C언어) (A+)
- 언어학 기초 (A+)
- 언어처리 기초 (A+)
- 비트 초급과정 (C, JAVA, 자료구조) (PASS)
- 비트 고급과정 (JAVA, WEB, APP, 개인프로젝트) (PASS)
- 컴퓨터와 정보화 사회 (A+)
- 컴퓨터 개론 (A+)
- 컴퓨터 구조 (A+)
- 자료구조 (A)
- 프로그래밍 언어론 (A+)
- 운영체제 (A+)
- 데이터베이스 (A+)
- 자연언어처리 (A+)
- 고급 컴퓨터프로그래밍 (시스템 프로그래밍, 머신러닝) (A+)
- 소프트웨어공학 (A+)
- 데이터베이스 (A+)
- 언어처리프로젝트 (A+)
- 정보추출과 텍스트마이닝 (A+)
- 대학원 세미나 (컴퓨터공학과) (A+)
- 대학원 세미나 (전자공학과) (A+)
- 리더쉽과 자기계발 (A+)

South Korea

2015-Present