

Seohyun Kim

Last updated: 2021

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RESEARCH INTERESTS

Sequential data Analysis, Machine Learning, Covert Channel, Economy

EDUCATION

Korea University Graduate School, Seoul, South Korea, 2019–2021

M.S., Cyber Defense (Cyber war)

Signal Processing and Advanced Intelligence Lab

(<https://signal.korea.ac.kr/>)

Seoul Women's University, Seoul, South Korea, 2015–2019

B.A., major Economics

B.S., double major Enterprise Security Convergence

ADDITIONAL TRAINING

Big Data FinTech Professionals Training Course

Data Science&Artificial Intelligence Lab, Seoul National University, Seoul, South Korea, 2020–2021

PAPERS

Seohyun Kim, Ji Won Yoon, “Location tracking technique for Regional ENF Classification Using ARIMA”, 2020 International Conference on Information and Communication Technology Convergence (ICTC), 21–23 Oct. 2020.

PROJECTS

1. 중소기업 AI 일자리매칭서비스 개발, IBK 기업은행, 2021



- 구직자의 속성/텍스트 데이터를 바탕으로 최적의 중소기업 채용공고를 추천해주는 서비스 개발
- 2. 인공지능 학습 고도화 모델, ETRI, 2019-2021 (PM)
 - Research on covert channel using AI.
- 3. 한-오세아니아 국제협력연구, 한국연구재단, 2019-2021 (PM)
 - Research on electromagnetic signal analysis for IoT security.
- 4. Anomaly detection and prediction in SCADA system, DARPA's RADICS (미국방부), 2019-2020 (부 PM)
 - Research on how to detect abnormal behavior in SCADA system by using electromagnetic waves.
- 5. 국방암호센터 내 부채널 분석 연구, 국방부, 2019-2021 (Member)
 - Research on statistical side channel analysis to find hidden keys in crypto systems.

WORK EXPERIENCE

- IBK기업은행 공채 청년인턴 18기, 2018
- 경제신문사 이투데이 디지털전략국 기획마케팅부 인턴, 2019

SKILLS

Language: Korean (Native), English (Advanced) / TOEIC 850/ TOEIC Speaking Lv6

Computer Language: Python, Matlab, Arduino, C

Computer: Illustration, Photoshop

Certification: Marketing Research Analyst(grade 2), Daily Economic Test(grade '우수')

EXTERNAL ACTIVITY

- 한화케미칼 ERP 학회, 2019
- 대학생공동연합동아리007 1-2기 회장, 2017-2018
- Ahnlab 대학생 기자단 18기, 2017
- 산업통상자원부 제7차 ASEM경제장관회의(EMM) 대학생 서포터즈, 2017
- 경제신문사 이투데이 금융대전 기자단 4기, 2017

- **커리어디스커버리** 봉사활동 대학생 멘토, 2015-2017
- **서울여자대학교 경제학과** 학생회 기획홍보부원, 2015