

Young Hun Oh

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RESEARCH INTERESTS

Distributed System / Computer Architecture / Big Data / System for Machine Learning

EDUCATION

Korea Advanced Institute of Science and Technology — Bachelor

2013 — Present

B.S in Electrical Engineering & Mathematical Sciences (Double Major)

Total GPA : 4.14/4.3 (EE Major : 4.12/4.3 | MS Major : 3.99/4.3)

Busan Science High School

2011 — 2013

EXPERIENCE

- **Intern, Context Part, AI Labs, Kakao**

Seongnam-si, Gyeonggi-do, South Korea | 2019. September — 2020, March

Kakao is the biggest messenger-based platform company in South Korea. Our team focuses on translation and OCR. I worked on information extraction from documents scanned by OCR.

- **Summer Intern, Big-data & AI Platform Team, NAVER**

Seongnam-si, Gyeonggi-do, South Korea | 2019. July—August

NAVER is the biggest search engine company in South Korea. Our team focuses on developing and managing cluster for deep learning and distributed data processing. I worked on Zeppelin app upgrade using Apache Slider & YARN service and implemented a tool to submit machine learning jobs to the cluster.

- **Undergraduate Research Intern, DI Lab, KAIST**

Daejeon, South Korea | 2018. September — 2019. June

We proposed MLClean, a unified data cleaning framework that integrates the technique and helps train accurate and fair models.. The paper was published at DEEM workshop at ACM SIGMOD 2019.

- **Social Service Agent (Substitute Military Service), DI Lab, KAIST**

Busan, South Korea | 2016. September — 2018. September

I serviced at the main library of Pusan National University for 24 months as a librarian substitute for compulsory military service.

- **Exchange Student, ETH Zurich**

Zurich, Switzerland | 2016. February —August

Studied at the department of Electrical Engineering and Information Technology for one semester. Took 30 ECTS credit over 6 courses.

TEACHING AND MENTORING

- **HSS062, Humanity/Leadership III<Basic Robotics>, Lecturer, 2014 Fall**
- **CS101, Introduction to Programming, Tutor, 2014 Fall**

HONORS & AWARDS

- **KPF (KAIST Presidential Fellowship)**
KAIST | March 2015 —Present
The most honorable scholarship in KAIST given to a minority elite group of outstanding students.
- **Scholar of the National Academic Excellence Scholarship for Science and Engineering**
Korea Student Aid Foundation (KOSAF) | March 2013 —February 2019
- **Dean's List**
KAIST, School of Engineering | 2015 Spring, 2015 Fall and 2018 Fall
Given to top 3% students every semester.
- **Participation Prize**
Wearable Computer Contest | November 2014

PUBLICATION

- Ki Hyun Tae, Yuji Roh, **Young Hun Oh**, Hyunsu Kim, Steven Euijong Whang,
“Data Cleaning for Accurate, Fair, and Robust Models: A Big Data - AI Integration Approach”, accepted to 3rd Int'l Workshop on Data Management for End-to-End Machine Learning, DEEM @ ACM SIGMOD, June 2019.

PATENTS

- CAMERA CLOSE-UP DEVICE WITH COMPLEX LIGHT SOURCE MODULE AND SHOOTING METHOD FOR FINGERPRINT SPECIMEN
Inventor / Korea Patent 10-1831772 (2018)