Mintae Kim

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INTEREST RESEARCH AREAS

Machine Learning, Computer Vision, Deep Generative Models,
Topological Data Analysis, Stochastic Differential Equations

EDUCATION

Mar. 2022 - Apr. 2022	**KAIST**	**Seoul, Korea**

- Dropout M.S, IT Management
- Full scholarship

Mar. 2019 - Feb. 2022	**KAIST**	**Daejeon, Korea**

B.S, Industrial and Systems Engineering
- GPA of 3.47 / 4.3
- Individually designed major: Computer Science and Mathematical Science
- I was the only student who complete this degree program within three years
- Full scholarship

Mar. 2016 - Feb. 2019	**Daejeon Dongsin Science High School**	**Seoul, Korea**

- Summa Cum Laude

RESEARCH EXPERIENCE

April. 2022 - Present	**ADOS**	**Seoul, Korea**

- Mobile Video Networks for Anomaly Detection with Samsung Display
- Score-based Generative Model for Data Synthetization (Government Project)
- Sensory Data Anomaly Detection via Generative Adversarial Networks

Dec. 2020 – Jun. 2021	**MISO Info Lab**	**Seoul, Korea**

- Smart Crosswalk for Traffic Accident Prevention (Computer Vision)
- Personal Information Blurring from Traffic Image Data (Computer Vision)

WORK EXPERIENCE

Mar. 2022 - Present	**RIMES LABS**	**Seoul, Korea**

- Chief Executive Officer
- Developer (Machine Learning, C++, Javascript)
- Government support program for RIMES ART project (Acceptance rate 3.3%)

Apr. 2022 - Present	**ADOS**	**Seoul, Korea**

- Senior Researcher
- Machine Learning Team Leader

Dec. 2021 - Mar. 2022	**TBUnicorn**	**Seoul, Korea**

- Research Intern at Machine Learning Team (NLP)

| Dec. 2020 - Mar. 2021 | **MISO Info Lab** | **Seoul, Korea** |

- Research Intern at Machine Learning Team

TEACHING

| Mar. 2022 - Present | **Primestone Consulting** | **Seoul, Korea** |

- Taught Computer Science and Mathematics for IMO and IOI
- Taught AP Computer Science and Mathematics for ages 17-19

| Aug. 2019 - Jun. 2022 | **D&B Consulting Group** | **Seoul, Korea** |

- Taught Computer Science and Mathematics for IMO and IOI
- Taught AP Computer Science and Mathematics for ages 17-19

| Dec. 2019 - Feb. 2020 | **KAIST** | **Daejeon, Korea** |

- Teaching Assistant at Korean Mathematical Olympiad Winter School

VOLUNTEER EXPERIENCE

| Sep. 2019 - Sep. 2021 | **KSCY** | **Seoul, Korea** |

- Taught Differential Geometry at KSCY Winter Camp 2021
- Taught Differential Equations at KSCY Summer Camp 2021
- Taught Deep Learning at Global Science and Engineering Session 2019

| Feb. 2020 - Jan. 2020 | **Community Child Care Center** | **Daejeon, Korea** |

- Taught Mathematics for ages 14-17

SKILLS & OTHERS

- Python, Java, C++, PyTorch, Tensorflow, Keras, Linux
- Javascript, HTML, CSS
- Fluent in English and Korean
- Assistant Coach at KAIST Basketball Team