

# Jeonghoon KIM

## PERSONAL DETAILS

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Research Assistant / Master's course  
Artificial Intelligence department  
Dongguk University, Seoul Korea  
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## RESEARCH INTERESTS

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predicting biological signals, behaviors, and intentions for humans, and the latest techniques such as self-supervised learning and AutoML in terms of models.

## EDUCATION

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M.S., Artificial intelligence, Dongguk University, Seoul, Korea	Mar 2021 - Current
B.S., Electronics Engineering, Inha University, Incheon, Korea	Mar 2002 - Aug 2009

## RESEARCH EXPERIENCE

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Aug 2019 - Current

Research Assistant in Convergence Research Center for Artificial Intelligence, Dongguk University / Seoul National University, Seoul, Korea

Mar 2019 - Aug 2019

Researcher in the department of nuclear medicine, Asan Medical Center, Seoul, Korea

Mar 2013 - Apr 2015

Researcher in Patent Technology Survey, WIPS,inc. , Deajeon, Korea

May 2009 - Jun 2011

Researcher in IC Driving, Silicon Works,inc. , Deajeon, Korea

## PUBLICATIONS

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[1] 김정훈, 전상빈, 유제광, "시각 인공지능을 이용한 고령자 건강행동 모니터링 서비스 개발", 2020 대한전자공학회 하계종합학술대회, p2581-2583

## PROJECTS

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- Brain Inspired AI Framework and Cognitive Convergence R&D pipeline based Health Behavior Monitoring, Diagnosis and Prescription Technology

Research and Development Jan 2020 - Current

- Development of therapeutic exercise technology for health promotion of children with developmental disabilities

Research and Development Jun 2020 - Current

- Preprocessing of Brain Imaging Using PET Research and Development Mar 2019 - Aug 2019

## LANGUAGES, SKILLS AND ABILITIES

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### Languages

Korean (mother-tongue)

English (intermediate)

Japanese (intermediate)

### Computer Skills

MATLAB, PYTHON, TensorFlow, Java, Pearl script, MS Office

### Hardware & Equipment

KINARM, Motion Capture System(Optitrack13, MS Azure Kinect), IMU(mbeientlab), Thermal imaging camera(SEEK SW-AAA), LiDAR(Intel RealSense)