


Curriculum Vitae

Personal Information	
Title	Dr
Name	김 대관
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Educational Background	
<p>동아대학교 학사 (2006)</p> <ul style="list-style-type: none"> - 기계공학과 <p>University of Florida 석사 (2009)</p> <ul style="list-style-type: none"> - 농공학과 <p>University of Florida 박사 (2011)</p> <ul style="list-style-type: none"> - 농공학과 	
Professional Career	
<p>삼성전자 LED 사업부 근무 (2011. 10~2013.03)</p> <ul style="list-style-type: none"> - 책임 연구원 <p>서울아산병원 (2013. 03~2014.12)</p> <ul style="list-style-type: none"> - 박사후연구원 <p>대구경북첨단의료산업진흥재단 첨단의료기기개발지원센터 (2015~현재)</p> <ul style="list-style-type: none"> - AI S/W 개발팀 선임연구원 	
Research Field	
<p>MRI</p> <p>의료 데이터 분석</p> <p>인공지능을 이용한 MRI 의료 영상 분석 기술 개발</p>	
Main Scientific Publications	
<ol style="list-style-type: none"> 1. Daegwan Kim, Youngjae Woo, A Study of the Intermediary Platform for the Use of Healthcare Big Data, Asia-pacific Journal of Convergent Research Interchange, vol. 9, no 10, pages 371-381, 2023 2. Daegwan Kim, JooHyun Hong, HyoJin Lee, Development and implementation of an open medical device platform, IEMEK J. Embed. Sys. Appl., vol. 16, no 6, pages 313-321, 2021 3. Daegwan Kim, JiHyoun Roh, JiHoon Kim, EunSil Kang, JongKyun Choi, An Image Processing Algorithm for an Automated Smartphone-based Semen Analyzer, IEIE Transactions on Smart Processing & Computing, vol. 9, no 5, pages 382-290, 2020 4. Daegwan Kim, Kyoungrae Cha, SungMin Seung, Semi Jeong, JongKyun Choi, JiHyoun Roh, ChungHwan Park, TaeHa Song, Development of brain tumor detection using improved clustering method on MRI-compatible robotic assisted surgery, Journal of biomedical Engineering Research, vol. 40, no 3, pages 105-115, 2019 5. Daegwan Kim, Namkug Kim, Sangmin Lee, Joon Beom Seo, A fast and robust level set motion-assisted deformable registration method for volumetric CT guided Lung intervention, Biocybernetics and Biomedical Engineering, vol. 38, issue 3, pages 439-447, 2018 	