

DongKyu Kim

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3710 McClintock Ave
RTH 319
Los Angeles, CA 90089

Tel. +1 518) 530-8880
Email. dongkyuk@usc.edu

Education

2019–Present	University of Southern California , Los Angeles, CA Ph.D. in Electrical Engineering <i>Advisor</i> : Maryam Shanechi <i>Relevant Courses</i> : Probability, Linear System Theory, Real Analysis
2019–2019	The Cooper Union , New York, NY M.E. in Electrical Engineering <i>Advisor</i> : Sam Keene <i>Thesis Title</i> : Automatic Artifact Annotator for EEG Waves Using Recurrent and Convolutional Neural Networks
2015–2019	The Cooper Union , New York, NY B.E. in Electrical Engineering, <i>Summa Cum Laude</i> <i>Minor</i> : Computer Science

Experiences

Sep 2019–Present	University of Southern California , Los Angeles, CA Research Assistant <i>Advisor</i> : Maryam Shanechi
Jun 2018–Sep 2018	Columbia University in the City of New York , New York, NY Summer Research Intern <i>Advisor</i> : Hyun K. Kim

Publications

- [1] Hyun K. Kim, Jong H. Lee, **Dongkyu Kim**, Andreas H. Hielscher, and Alessandro Marone. “Spatial-temporal constraints guided dynamic fluorescence tomographic model for enhanced imaging of organs and functional structures in small animals”. In: *Optical Tomography and Spectroscopy of Tissue XIII*. Ed. by Sergio Fantini, Bruce J. Tromberg, Eva Marie Sevick-Muraca, and Paola Taroni. Vol. 10874. International Society for Optics and Photonics. SPIE, 2019, pp. 243–248. DOI: 10.1117/12.2508582. URL: <https://doi.org/10.1117/12.2508582>.

Honors and Awards

2015–2019	School Honors, The Cooper Union
2015–2019	Half-Tuition Merit Scholarship, The Cooper Union
2015–2019	Innovator Tuition Merit Scholarship, The Cooper Union
2017	Maxwell Lincer-Endowed Engineering Commencement Prize, The Cooper Union
2019	Abraham Pletman Memorial Fund Prize, The Cooper Union

Memberships

2015–Present	Korean-American Scientists and Engineers Association (KSEA)
2017–Present	Tau Beta Pi
2017–Present	Eta Kappa Nu
2017–Present	Institute of Electrical and Electronics Engineers (IEEE)
2018–Present	The Order of The Engineer