

SOJUNG KI

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Education

University of California, Los Angeles
B.A., Statistics

June, 2016 expected

Research Experience

Ozcan Research Group, UCLA Henry Samueli School of Engineering

April, 2013 – current

Undergraduate Researcher, Bio- Nano- Photonics

- Conduct statistical analysis on an online malaria diagnosis training platform (biogames.ee.ucla.edu)
- Collaborated with the principal researcher on the development of mobile sensing technology for smartphones and Google Glass with a focus on point-of-care application, cost efficiency and clinical applicability

Fellowship / Awards

HHMI Scholar

2015

Case Competition Winner, Anderson EDGE, UCLA Anderson School of Management

2014

- Pitched a joint venture for Netflix to create an independent original content studio in alliance with Google Fiber to maintain its lead on the online media streaming industry
- Documented the general provisions that oversee the joint venture agreement; conducted market research and 10-K analysis to project specific expenses and cash flow following the implementation of the strategy

Publications

Wei, Q., Nagi, R., Sadeghi, K., Feng, S., Yan, E., Ki, S., Caire, R., Tseng, D., and Ozcan, A. Detection and Spatial Mapping of Mercury Contamination in Water Samples Using a Smart-Phone. *ACS Nano* 2014 8 (2), 1121-1129

Wei, Q., Qi, H., Luo, W., Tseng, D., Ki, S., Wan, Z., Göröcs, Z., Bentolila, L.A., Wu, T., Sun, R., and Ozcan, A. Fluorescent Imaging of Single Nanoparticles and Viruses on a Smart Phone. *ACS Nano* 2013 7 (10), 9147-9155