

# MIN-JAE WOO

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## *Curriculum Vitae*

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### EDUCATION

*Bachelor of Science*, Expected March 2015

*Department of Mathematics*, University of California, Los Angeles

Cumulative GPA: 3.454/4.000

*Associate of Science*, June 2012

*Math Department*, Chabot College

Cumulative GPA: 3.800/4.000

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### SKILLS

Software: MATLAB, STATA, Microsoft Excel VBA, QGIS

Computer Languages: C++

Foreign Language: Fluent in Korean

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### EXPERIENCE

**Sergeant**

2009.12 – 2011. 11

*Republic of Korea Army*, The 3rd Armored Brigade

Specialty: Fire Direction Controller

- Modified the existing fire direction model tailored to the topography that causes asymmetric trajectory

- Appointed as an assistant instructor at the recruit training center and taught ballistics.

(2011.2 – 2011.10)

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## RESEARCH EXPERIENCE

### Undergraduate Research Assistant

Jan 2014 – present

Ozcan Research Group, Department of Electrical Engineering, UCLA

- Verified the mathematical models for combining decisions of multiple diagnosticians
- enhanced the validity of existing biomedical image libraries and optimized the database for educational training of prospective diagnosticians.
- Collaborated on the writing and publishing of manuscripts.

### Undergraduate Research Assistant

Nov 2013 – Feb 2014

(PI: Amanda Nguyen, PhD Candidate), Department of Economics, UCLA

- Took charge of collecting data and assisting data processing

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## ACTIVITIES AND HONORS

Student Director, Compassion International at UCLA

Mar 2013 – present

Member, ALD & PES National Honor Societies at UCLA

Nov 2012 – present

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## AWARDS

American Mathematical Association of Two-Year Colleges (AMATYC) Contest, 2009

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## REFERRED JOURNAL PUBLICATIONS

1. S. Feng, **M.J. Woo**, K. Chandramouli, and A. Ozcan, "BioGames: A Game-based Framework for Crowdsourcing Biomedical Image Analysis and Training of Diagnosticians," 15th Annual UC Systemwide Bioengineering Symposium, June 18-20, 2014, University of California, Irvine, CA, USA
2. S.W. Feng, **M. Woo**, K. Chandramouli, and A. Ozcan, "A game-based platform for crowdsourcing biomedical image diagnosis and standardized remote training and education of diagnosticians," SPIE Photonics West, Optics and Biophotonics in Low-Resource Settings, February 7-12, 2015, San Francisco, CA, Paper # 9314-19