

Shaowei Ding

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EDUCATION

Iowa State University
Master's, Agricultural and Biosystems Engineering **GPA: 3.97** Ames, IA
August 2013 - Present
Alpha Epsilon Honor Society, treasure/ secretary
American Society of Women Engineers, Member
American Society of Ag&Biosystems Engineers, Member Best Buddies, Member
Iowa State University
Bachelor's Degree, BSE: Biological Systems Engineering, Option: Biorenewable Resource **GPA: 3.38** Ames, Iowa
August 2009 - May 2013
Alpha Epsilon Honor Society, Treasure/ Secretary
Society of Woman Engineers, Member
American Society of Ag&Biosystems Engineers, Member
Honor Society

WORK EXPERIENCE

Dr. Chenxu, Yu Ames, Iowa
Undergraduate Research Assistant April 2012 - August 2012
Prepared research samples and analyzed data using raman spectrometers.
Dr. Jacek Koziel Iowa State University
Teacher Assistant January 2011 - May 2011
Assisted students in VBA programming and engineering economic analysis.
Iowa State University Ames, IA
Research Assistant August 2013 - December 2013
Early diagnosis of nervous disease from retina using Raman Spectroscopy. Later analysis and sample classification are conducted by R and Matlab.
Iowa State University Ames, IA
Teaching Assistant December 2013 - Present
Set up a virtual lab for AE551 <http://lee901201.github.io/AE551/>

ACTIVITIES

Study abroad in Australia in 2005
Have been an active member in Society of Agricultural and Biosystem Engineers from 2009
Became the international week ambassador in 2010
Be the engineering week ambassador in 2010
Have been an active member in Society of Woman Engineers from 2009
Elected in the honor program of Iowa State University from 2009 to 2013
Finished Honor Project with Dr Nancy Boury focusing on microbiology in 2011.
Participate in "Best Buddies" program (help kids with intellectual disability) in 2012
Joined Animal Rescue Club in Ames in 2012

Have done a research project of appropriate protein resource for developing countries with Dr. Rosentrater and published this paper in ASABE annual conference in 2013.

Have done a design project of extraction of pure glycerine from biodiesel manufacturing process for Biobus group with Dr. Baughman in 2013

SKILLS

VBA Programming

Autodesk Inventor

AutoCAD

PLC Programming

Bilingual of Chinese and English

R

Matlab

Markdown

HONORS & AWARDS

Dean's list in Freshman, Sophomore and Senior Year

Scholarship(\$1000) from college of Engineering in 2010

Honor program in Iowa State University from 2009

Silver Medal from Japanese Painting competition and have published painting in 2004.