

Jiawen Feng (Kate)

Education:

University of California, Los Angeles

- B.S. Electrical Engineering, Sep 2011—Jun 2015(expected)
- GPA: 3.86
- Major GPA: 3.96
- Skills and Courses taken:
Computer Science (C++), Matlab, Java Basics, Engineering Circuits Analysis, Engineering Electromagnetics, Introduction to Digital System, Solid State, Microelectronic circuit, Linear Algebra, Multivariable Calculus

Culver Academies College Prep School

AP Courses: AP Physics, AP Calculus BC, AP Biology, AP Chinese, AP Micro Econ, AP Macro Econ

Work Experiences:

The Ozcan Research Group (UCLA) (2012-)

- Published “**Sperm Trajectories Form Chiral Ribbons**” on Scientific Report.
- The research group of Prof. Aydogan Ozcan from UCLA, working on new imaging and sensing architectures that can compensate in the digital domain for the lack of complexity of optical components by use of novel theories and numerical algorithms to address the immediate needs and requirements of Telemedicine for Global Health Problems.
- Helping PHD students with our recent project on sperm cell viability and growth in engineered 3D tissues, including covering Silicon light source, LCD driving scheme and LCD pixel design.

Jalali’s Lab @ UCLA (2013-)

- Currently work on Serial Time-Encoded Amplified Microscopy (STEAM) project.
(http://www.photonics.ucla.edu/research.html#bookmark_research_steam)
- The JALALI-LAB @ UCLA performs multi-disciplinary research and development in the fields of silicon photonics, microwave photonics, and biophotonics for biomedical and defense applications.

EE Department Grader

- Grade the homework for class EE1, EE2

IEEE Mentorship Chair

- Work on Henry Samueli School of Engineering Mentorship Program

HKN Liaison

- Enhance IEEE and HKN corporation

Office Assistant (2011-2012)

Kunming Pharmaceutical Corp., Yunnan, China

- Helped organize documents for International Business Representative.
- Communicated on the phone with doctors in North Africa.

English Teacher (2010-2011)

Beijing Juren School

- One-on-One tutored SAT.

Waitress (2010-2011)

Le Jazz Restaurant

Honors & Activities:

Tau Beta Pi

- national engineering honor society that recognize outstanding students who display both distinguished scholarship in technical fields and exemplary character

Eta Kappa Nu (HKN)

- Electrical and Computer Engineering Honor Society

UCLA Undergraduate Student Association (USAC) President Office (UCLA)

- The governing body of the Undergraduate Students Association (USA) whose membership is comprised of every UCLA undergraduate student.
- Spirit Committee

Society of Women Engineers (UCLA)

- The Society of Women Engineers (SWE) is a not-for-profit educational and service organization that empowers women to succeed and advance in the field of engineering, and to be recognized for their life-changing contributions as engineers and leaders.
- In charge of EWI (Evening With Industry) Committee

The Institute of Electrical and Electronics Engineers (IEEE) (UCLA)

- The primary professional society of the electrical engineering profession.
- The Micromouse Project is design to provide students with the opportunity to design and build a small autonomous robot.

Blue Key Society (Culver Academies)

Cum Laude Society (Culver Academies)

- Students admitted are among the very top of their class in terms of their academic success and rigor of their coursework. Eleven students were chosen out of roughly 200 Culver juniors

Physics Award (Wayne Trace High School)

Speech Award (Culver Academies)