# YAN ZHU

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## OBJECTIVE

An engineering student looking forward to enhancing technical and communication skills from summer internship experience

## EDUCATION

**University of Southern California**                                                          *August 2014 - May 2018*
Bachelor of Science (BS), Electrical Engineering, GPA 3.82
Minor in Professional and Managerial Communication
W.V.T. Rusch Undergraduate Engineering Honors Program Member

## EXPERIENCE

**IBM Global Business Services**                                                              May 2015 - June 2015
*Summer Internship*                                                                  *Hangzhou, Zhejiang, China*

· Interned with IBM's strategic consulting team at Beingmate Group Co.Ltd, working on the company's strategic transformation, structuring the transformation solutions for Beingmate; trained for research skills, structured thinking and logic writing skills as a business strategic consultant.
· Analyzed the business opportunity of my mobile travel application initiative after investigating current travel industry distribution dilemma and the future trend.

**Signal Analysis and Interpretation Lab**                                              March 2015 - Present
*Research assistant*                                                              *University of Southern California*

· Analyze the audiovisual co-occurance normalized by both speech and on-screen appearance with Matlab for a short research paper, and therefore gender representation in cinematic context.
· Learn video annotation skills and assist the researchers in further data analysis by annotating videos
· Extract relevant information from published researches' data set and format the data for our own research's data analysis using Python.

**Association of Chinese Students in Engineering**                                        June 2015 - Present
*Founder & President*                                                            *University of Southern California*

· Established to serve as a platform to help mainly Chinese engineering professionals achieve their full potential; to build a close community that participants can improve performance at academically and also extracurricumlum.
· Organized internship speaker series and hackathon workshops. Within first first month, we have gained more than 200 subscribers and more than 50 active members.

**Engineers Without Boarders - USC Chapter**                                          October 2014 - March 2015
*Group member in the domestic project*                                                          *North Shore, CA*

· Designing a playground for North Shore, Coachella with Konkuey Design Initiative as a team
· Conducted workshop in North Shore to present our designs and hear their voices.

**HackSC**                                                                              November 2015
*Participant*                                                                    *University of Southern California*

· learned to build web application on Microsoft Azure platform deploy MongoDB(a database) on Azure
· within 36 hours, learn Javascript and built tic tac toe game with multiple users' data stored in database

## SKILLS

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|---|---|
| **Computer Languages** | C++, MatLab, Html/CSS(Udemy), Python(Codecademy), Machine Learning (on Coursera) |
| **Hardware design** | Arduino Uno(Atmel ATmega328P Processor), Digital system design |
| **Languages** | Chinese(native), English(Working proficiency) |