

# Jiachen Li

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2232 Durant Ave, Berkeley CA

## EDUCATION

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**Beijing University of Posts and Telecommunications (BUPT), Beijing** Sept 2015 – Jul 2019

- Bachelor of Engineering in Electronic Information Science and Technology, **Major GPA: 3.9/4.0**, Rank: 4/112
  - **Core Courses:** Electric Circuit Aided Design and Simulation(MATLAB) 96, Advanced Mathematics A 93, Fundamentals of Circuit Analysis 91, Electronic and Circuit Foundation 95, Signals and systems 96, Digital Circuits and Logic Design 92, Electromagnetic Fields and Waves 96, High Frequency Circuits 93.

**University of California, Berkeley** Jan 2018 – May 2018

- CS 61C Great Ideas in Computer Architecture (Machine Structures) Prof. John Wawrzynek, Prof. Nicholas Weaver
- INFO 265 Interface Aesthetics Prof. Kimiko Ryokai
- IEOR 170 Industrial Design and Human Factors Prof. Carisa Harris Adamson

## PROJECT EXPERIENCE

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**Development of Face Recognition (Blood Relationship) Platform** Jul 2017 – Jul 2018

*Advisor: Prof. Haibin YAN, School of Automation, BUPT*

- Accomplish face detection, alignment and feature recognition, using deep learning for video and image processing.
- Innovation: putting parents and their children in the same group, to build multi-point connections of blood relationship and improve prediction accuracy of face recognition.

**Weather App Design (Illustrator, Indesign)** Feb 2018 – Mar 2017

*Advisor: Prof. Kimiko Ryokai, School of Information, UCB*

- Designed UI of a weather app. Group critique.
- Graphic design from blocking to layout, improve the usability of buttons on smart phone (small screen) based on both heuristic evaluation and usability testing.
- Learnability, efficiency, memorability, errors and satisfaction are tested and improved to the best.

**Conference Communication Tools for Multiple People (java)** May 2017 – Jun 2017

*Advisor: Prof. Qifan WU, Department of Computer, BUPT*

- Accomplished a java application for multiple people to chat and meet.
- Implemented the functionalities based on java and TCP Socket.
- In order to communicate simultaneously, simulated multiple IP & interfaces and built server & multiple clients during testing.

**IOS-Health Calculator (ios obj-c)** Apr 2017 – May 2017

*Advisor: Prof. Dafa PAN, Department of Computer, BUPT*

- Accomplished a iOS calculator to count BMI, calculate BF% and give health instruction with graphical interfaces.
- Based on obj-c, used ios platform (pure coding mode), and realized functions including showing multiple pages, and jumping and returning pages; the calculator exhibits a good error-tolerate rate.

**Race Car Game (unity)** Apr 2017 – May 2017

*Advisor: Prof. Dafa PAN, Department of Computer, BUPT*

- Accomplished functionalities including controlling game direction and speed by key 'WSAD' based on the official demo, also with well-designed wonderful terrain, skybox and interactive scene.

## HONORS & AWARDS

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2016-2017 First-Class Scholarship	Oct 2017
Outstanding Peer Tutor (10/120)	Jun 2017
Outstanding Student (5/120)	Jan 2017
'Our Classroom' Wall Design Competition: First Prize (1/400)	Jun 2016

## OTHER SKILLS

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**Computer Languages:** C/C++, HTML, java & JSP, Matlab, ios obj-c & swift, unity.

**Circuit and signal:** VHDL, Logisim, Multisim, ADS Schemetic, Synopsys, Quartus II

**Design:** Photoshop, Indesign Illustrator, Fusion360