



# DINGMEI GU

DATA SCIENCE & HCI STUDENT DEVELOPER  
SEEKING 2019 SUMMER INTERN

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## + WORK EXPERIENCE

- 04/2018- Present

**The Design Lab**  
Research Assistant

  - Worked in Professor Scott Klemmer research group with his Ph.D. student focused on building a large-scale, individualized online learning web application.
  - Researched and developed online data processing pipeline for user to collect experiment data from citizen scientists, including a customized Python backend to support data visualization and machine learning features.
  - Technology used: Node.js, Python, scikit-learn, Matplotlib, HTML, CSS, MongoDB, Google Cloud, Jenkins.
- 08/2016- 05/2017

**Las Positas College**  
Physics and Calculus Tutor

  - Worked with over 50 students individually on the college entry-level Physics and Calculus classes.
  - Hold daily tutor hour at the tutorial center located at Las Positas College.

## + PROJECTS

- 09/2018- 12/2018

**GoGreen**  
Lead Full Stack Developer

  - Worked with a team of 3 students, developed a mobile web application enhancing people's health by motivating them work out regularly. Lead the full stack development, coordinated with backend and frontend development tasks to ensure smooth integration.
  - Technology used: HTML, CSS, JavaScript, Firebase, Chrome API for location and motion.
- 08/2018- 09/2018

**Wavin**  
Content Contributor

  - Worked with a team of 7 students on a native iPad application targets at elderly users.
  - Brainstormed ideas and helped with building the Sketch mockup for the prototype.
  - Technology used: Sketch, Photoshop, Balsamiq.
- 03/2018- 06/2018

**CaffeineMated**  
Lead Backend Developer

  - Worked with a team of 10 students, developed a React Native mobile application providing coffee delivery service on campus.
  - Developed database backend on Google Firebase and data logic in the iOS application.
  - Technology used: React Native, Firebase, CSS, Javascript, Google Maps API.

## + EDUCATION

- 09/2017 - 2019 (expected)

**Computer Science - B.S.**  
**Data Science - Minor**  
GPA: 3.7  
University of California, San Diego
- 08/2014 - 06/2017

**Computer Science - A.A.**  
GPA: 3.94  
Las Positas College

## + PROFESSIONAL SKILLS

	average	good	skilled
<b>Design Skills</b>			
Web Design	●●●●	●●	●●
Interface Design	●●●●	●●	●●
<b>Technology Skills</b>			
Python	●●●●	●●	●●
JavaScript	●●●●	●●	●●
Java	●●●●	●●	●●
C++	●●●●	●●	●●
CSS/HTML	●●●●	●●	●●
Pug (Jade)	●●●●	●●	●●
<b>Framework/Tool Skills</b>			
Meteor	●●●●	●●	●●
scikit-learn	●●●●	●●	●●
Matplotlib	●●●●	●●	●●
Node.js	●●●●	●●	●●
React Native	●●●●	●●	●●
MongoDB	●●●●	●●	●●

## + PERSONAL SKILLS

	average	good	skilled
Creativity	●●●●	●●	●●
Organization	●●●●	●●	●●
Communication	●●●●	●●	●●
Team Player	●●●●	●●	●●

## + WORK/PLAY BALANCE



HIKING



PHOTOGRAPHY



COOKING



CAMPING



PROBLEM-SOLVER



SELF-STARTER



TEAM PLAYER



LEADERSHIP