

Dingmei Gu

Github : <https://www.github.com/dingmei>
Website : <https://dingmei.me>

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San Diego, CA

- EDUCATION**
- University of California San Diego**, San Diego, CA
Master of Science (M.S.), Computer Science
01/2020 (Expected) - 06/2021 (Expected)
- University of California San Diego**, San Diego, CA
Bachelor of Science (B.S.), Computer Science
09/2017 - 06/2019 (Expected) Overall GPA: 3.62/4
- Las Positas College**, Livermore, CA
Associate Degree, Computer Science
08/2014 - 06/2017 Overall GPA: 3.94/4
- TECHNICAL SKILLS**
- Languages:** Python, Java, C++, C, JavaScript, HTML, CSS
Database: MongoDB, Firebase
Tools/Framework: Meteor.js, Node.js
General: Software Engineering, Full Stack Web Development, Data Structures, Algorithms, Object Oriented Programming
- EXPERIENCE**
- The Design Lab at UC San Diego**, *Research Assistant* **Apr 2018 - Present**
- Worked in Professor Scott Klemmer’s research group, developed a crowdsourcing online education web platform used by more than 1,000 researchers and students.
 - Researched and developed online data processing pipeline for the user to collect experimental data from citizen scientists, including a customized Python backend to support data visualization and machine learning features.
 - Technology used: Node.js, Python, HTML, CSS, JavaScript, MongoDB, Google Cloud, Jenkins.
- Las Positas College**, *Physics and Calculus Tutor* **Aug 2016 - May 2017**
- 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**
- GoGreen**, *Lead Full Stack Developer* **Sep 2018 - Dec 2018**
- Worked with a team of 3 students, developed a mobile web application enhancing college students’ health by motivating them to 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.
- Wavin**, *Content Contributor* **Aug 2018 - Sep 2018**
- Worked with a team of 7 students on designing a native iPad application which targets elderly users.
 - Brainstormed ideas and helped with building the Sketch mockup for the prototype.
 - Technology used: Sketch, Photoshop, Balsamiq.
- CaffeineMated**, *Lead Backend Developer* **Mar 2018 - Jun 2018**
- 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.