

KEYUE BAO

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EXPERIENCES

Software Engineer Intern

Square

📅 June 2017 – Sept 2017 📍 San Francisco, CA

- Developed a new feature for Employee Management in Point of Sales
 - Wrote multiple design docs, data schemas and protocol buffers
 - Used Objective-C, Ruby for frontend and Java for backend services

Software Engineer Intern

Google

📅 April 2017 – June 2017 📍 New York, NY

- Rewrote the current Wipeout job for Graphite, an internal scalable general object store geared towards user data
 - Used Flume to create parallel data-processing pipelines which extracts and manipulates data for account removals
 - Refactored for efficiency and added unit tests for reliability

Tutor, Grader

UCSD Computer Science & Engineering Dept.

📅 Sept 2015 – April 2017 📍 San Diego, CA

- Assisted Prof. Gary Gillespie on Basic Data Structures, Software Techniques Lab and Software Engineering
- Held lab hours for debug assistance, graded programming assignments, and trained new computer science tutors

Engineering Practicum Intern

Google

📅 June 2016 – Sept 2016 📍 Mountain View, CA

- Improved iOS interface & workflow for Google Assistant settings
 - Implemented new features to allow users further personalization
 - Enhanced UX for low-vision users through accessibility cues

Explorer Intern

Microsoft

📅 June 2015 – Sept 2015 📍 Redmond, WA

- Brainstormed, designed and implemented new features for Power BI, an interactive data visualization platform for business customers
- Developed both PM skills and technical skills

PROJECTS

PlanIt Triton

University of California, San Diego

📅 Feb 2016 – June 2016 📍 San Diego, CA

- Voted Best Project in CSE 110: Software Engineering
- Streamlines the current course enrollment process at UC San Diego through scraping and visualizing relevant data
- Conducted campus-wide research to prioritize product features
- Wrote custom REST API endpoints using SQL + Microsoft Azure

EDUCATION

University of California, San Diego

B.S. in Computer Science

📅 Sept 2014 – March 2018 (expected)

🎓 GPA 3.6, Provost Honors

Brooklyn Technical High School

Major in Software Engineering

📅 Sept 2010 – June 2014

🎓 GPA 3.8

INTERESTS

Backend Development Cryptography

Security Distributed Systems

Natural Language Processing

Programming Languages

LANGUAGES & TOOLS

Objective-C

JavaScript

OCaml

Git

Vim

C, C++

Java

LaTeX

Haskell

Ruby

English

Mandarin

Shanghainese

French

Spanish

LEADERSHIP

> Women in Computing
Public Relations Officer & Secretary

⚙ Society of Women Engineers
Treasurer, UC San Diego Chapter

COMMUNITY

</> Girls Who Code
Alumna (2013), Panelist (2015)

👤 NCWIT
Member, Award Application Reviewer