KEYUE BAO

keyue.bao@gmail.com

**** +1 (646) 476-0820

keyuebao.me

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
 - o 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
 - o 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
 - o 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

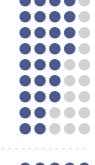
C, C++

Java LaTeX

Laick

Haskell Ruby

English Mandarin Shanghainese French Spanish



LEADERSHIP

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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