

Bernard Zhao

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EDUCATION

U.C. BERKELEY

BS IN COMPUTER SCIENCE

Expected May 2021 | Berkeley, CA
Cum. GPA: 3.76 / 4.0
Major GPA: 3.76 / 4.0

OAK RIDGE HIGH SCHOOL

SALUTATORIAN

Grad. May 2017 | El Dorado Hills, CA

LINKS

Github:// [BernardZhao](#)
LinkedIn:// [Bernard Zhao](#)
Instagram:// [bernard.zhao](#)
Handshake:// [Bernard Zhao](#)

COURSEWORK

UNDERGRADUATE

Basic Debugging
Functional Programming
Data Structures and Runtimes
Circuit and Systems Design
Program Structure and Interpretation
Unix Tools and Scripting

OTHER

Database Design
(Taken at C.C.)

SKILLS

PROGRAMMING

Fluent:

- Python
- Javascript
- Java
- HTML & CSS

Familiar:

- C
- SQL & Oracle TSQL
- Swift
- Scheme

Frameworks:

- Vue + Vuex & Nuxt.js
- React
- Django

EXPERIENCE

TEAM EPICENTER @ INTEL | FULL-STACK WEB INTERN & CO-PROJECT MANAGER

May 2018 – Aug 2018 | Folsom, CA

- Developed entire application pages for viewing and manipulating lab planning and statuses of a larger org-wide web tool. This included the design planning and creation of Django tables, endpoints, and Vue components on both dev and eventually live internal Windows ISS servers.
- Mentored and helped on-board two younger interns, as well as manage their merge requests and commits on GitLab.
- Live pages received thousands of page views per week, and were used by up to 60 different lab members.

INTEL | SOFTWARE ENGINEERING INTERN

June 2017 – Aug 2017 | Folsom, CA

- Developed Python scripts to aid in automating test execution, publishing results, and scraping network drive data.
- Collaborated with team to design architecture and implement data syncing from scheduled scripts with local lab databases using SQL queries and stored procedures.
- Linked script results with spreadsheet exports and basic web & alert interfaces.

PROJECTS (SEE MORE ON GITHUB)

PXL | OUTSIDE HACKS 2018

Developed a mobile web app using Firebase and React that utilizes phone screens and GPS data to create an interactive LED matrix for concerts and events.

GLTCH | 2017-2018

Designed a python script to glitch faces in images in different ways including JPEG corruption or pixel-sorting using facial recognition and Pillow.

VISSION.IO | CRUZ HACKS 2018

Built a visually based social media platform that displays posts and users with graphical nodes and links using React and Sigma.js.

INTERACT MOBILE APPS | ORHS 2016-17

Created the iOS and Android apps for a volunteer org which included integration with Google Sign-in, Maps, Calendar, and Google Sheets to direct volunteers to events and track member hours.

ANI | 2018

Currently developing a Vue + Express web app that organizes crowd-sourced animation by allowing users to contribute by drawing frames of animated projects

ACTIVITIES

Spring 2018	Academic Intern	CS61A
Fall 2017 - Present	External Team Lead	Innovate Berkeley
Spring 2017 - Present	Founder & Advisor	ORHX Oak Ridge Hacks

AWARDS

2017	1 st	CSUS Psychology App Competition
2016	2 nd Advanced Division	HP CodeWars Roseville