



**DAVID XIE**

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*Development & Design*

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## EDUCATION

### UC BERKELEY

Computer Science & Linguistics

*Class of 2019*

## WORK

### UCSF DEPT OF NEUROSURGERY

#### Chang Lab Research Intern

Building tools to annotate, analyze, and align large databases of patient audio data to corroborate with ECoG brain signal readings to identify and locate different speech functions in the brain.

*San Francisco, CA - Summer 2017*

### LAWRENCE HALL OF SCIENCE

#### TechHive Intern

Designed and led 3D printing, robotics, and engineering curricula to introduce visitors to Making and rapid prototyping through camps, Makeathons, and Maker's Faire exhibits.

*Berkeley, CA - 2014-2015*

## LEADERSHIP

### INNOVATIVE DESIGN

#### Co-President

Leading Cal's largest design agency in providing thousands of students and hundreds of clubs with design services, industry events, and classes.

### OUT IN STEM

#### VP Internal

Organizing weekly social, professional, and academic events for Queer students in STEM.

### SLUGS - UNDERGRAD LING SOCIETY

#### Co-President

Connecting students to academia and professionals in Linguistics, and familiarizing students with faculty.

## SKILLS

HTML5	Photoshop	Python
CSS3	Illustrator	Java
Javascript	Sketch	iOS
Android	Arduino	R

### ORACLE APPSLAB

#### Software Engineering Intern

Designed and executed an imaginative new Javascript framework for interacting with wall-sized touchscreen interfaces, including numerous inter-device capabilities.

*Redwood City, CA - Summer 2016*

### REMEETING

#### Frontend & Android Developer

Overhauled the Android app for natural language processing software, working with RESTful API to coordinate user and audio data. Established branding style guide.

*Berkeley, CA - 2014-2016*

## PROJECTS

### WILDFIRE YC-S2017 COHORT

Freelance UI/UX design overhauling look, feel, and flow for a popular student-focused safety alerts app.

### SAFEDROP AT&T DEV HACKATHON

*Intel Sponsor 2nd Place Prize* for building a smart mail delivery safebox to prevent package theft.

### COSMIC COCOS TECHHIVE HACKS

Autonomous arduino-powered 3 wheeled vehicle constructed from a cereal box.

### 3D MAGIC 8 BALL

Android app with a customizable fortune-teller; over 50,000 downloads before being struck down by Mattel.