

# Calvin Dong

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## EDUCATION

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### University of California, Berkeley

B.A. Computer Science, Minor Creative Writing

Graduation Date: May 2019

GPA: 3.38

## EXPERIENCE

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### Slack Technologies, Inc San Francisco, CA

May - August 2017

Software Engineering Intern, Native Clients/Desktop Team

- Added several new features to the native Slack desktop client for Windows and MacOS (pending release)

### Autodesk San Francisco, CA

June - August 2016

Software Engineering Intern, Analytics, A360 Team

- Designed and implemented a team dashboard for product metrics and health for the cloud team with AngularJS
- Wrote health checks for A360 Products using Python, providing methods to check current product uptime
- Wrote a React-Native module for WebViews in Pokemon Go style iPhone augmented reality

### Blueprint Berkeley, CA

September 2016 - Present

Project Developer, Project Leader

- Student-run org that builds web applications for nonprofits pro bono ([calblueprint.org](http://calblueprint.org))
- Developed a Ruby on Rails app for Re-Plate, a food donation nonprofit. Webapp is deployed at [re-plate.org](http://re-plate.org)
- Currently leading a project team working with Social Justice Collaborative to better facilitate legal help for immigrants

### Berkeley Institute of Data Science Berkeley, CA

January - May 2016

EDAM Data Science Student Researcher

- Created a data dashboard with JavaScript to support querying of ecodiversity data to facilitate research
- Requests data from multiple online ecological databases to create a consolidated search engine
- <http://bids-collaborative.github.io/EDAM/>

### BrightEssays Berkeley, CA

September - January 2016

Cofounder and CTO

- Designed and developed an online portal for underprivileged high-school students to develop writing skills and assist them through the college application process, generating \$1000 in 12 weeks with over 60 customers
- Created website with WordPress and payment pages with HTML, CSS, and JQuery

### University of Maryland College Park, Maryland

June - August 2014

Computer Vision Research Intern

- Created a dataset of 209 faces under low illumination from Google Image Search, utilizing Javascript, for training and assessing efficiency of face detection algorithms
- Utilized MATLAB to create a novel algorithm that efficiently recognized and identified faces under low illumination, improving facial detection rates by 21%

## SKILLS

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Languages: Java, Python, JavaScript/HTML/CSS/JQuery, SQL, MATLAB, C#

Technologies: Git, Django, Ruby on Rails, d3.js, AngularJS, OpenCV, React Native

## PROJECTS

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Small World(LinkedIn Hackday 2016 Finalist, Top 10) (<http://calvindong.me/map>, <https://github.com/calvind777/map>)

- 3d data visualization to provide a better way to view Facebook friends and their location
- JavaScript, Facebook Graph API, Google Maps API

Wordplay (<https://github.com/calvind777/wordplay>, <https://wordplay7.herokuapp.com/>)

- Creates a YouTube playlist based on songs about a word
- Django, Genius API, YouTube API

GetMeThis (<https://github.com/calvind777/getme>, <http://get-me-this.herokuapp.com>)

- Sends an automated Twitter DM/request to 5 followers
- Django, Twitter API, Google Maps API