

# William Wong

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## Education

8.2017 - Present: *University of California, Berkeley*  
Computer Science Undergraduate

8.2013 – 6.2017: *St. Francis High School*  
Student Council (2015 – 2017), High Honor Roll (2014 – 2017), Varsity Golf (2014 – 2017)

## Skills

**Languages:** Java, Python, SQL, React, Swift, HTML/CSS, Javascript, Node.js, Web3.js, Solidity, Ruby on Rails, Scheme.

**Tools:** Visual Studio Code, Eclipse, XCode, Expo XDE, Photoshop, Postico, ArcGIS, Heroku, Firebase, TruffleFramework, Git, bash, MacOS, Windows.

### Hackathons:

- *Cal Hacks 2017*: Singlehandedly built a blockchain inventory record keeping app for small business to prevent fraud. Created an Ethereum Smart Contract with Solidity and app with Expo.
- *HS Hacks 2017*: Won Best Beginner Hack. Created a website based platform for crowdsourcing travel guides.
- *Los Altos Hacks 2017*: Created a sign language-to-speech translator using Leap

Motion, Amazon Alexa, Node.js, JavaScript and Heroku backend service.

**Cyclz**: wrote a streamlined dorm laundry service website:

<https://w07wong.github.io/Cyclz>.

- Designed and created website for scheduling laundry in 3 days.
- Service adopted by entire college dorm building (250+ residents).

**Tabt**: wrote an app to outsource time management to friends:

<https://appstore.com/Tabt>.

- Used Swift and Photoshop to program and design app.
- Achieved 2300+ downloads on the iOS App Store.

## Work Experience

7.2017 – 8.2017: *SDxCentral, Santa Clara, CA*

### Data Analysis Intern

- Created the company's first user data backend by uploading over 60,000 lines of data from csv files onto a Heroku PostgreSQL database with Python.
- Established a data platform for company to use to tailor site experience to specific users, countries and organizations, resulting in increased profitability.
- Developed data visualization website with Ruby on Rails in 3 weeks to serve as a more versatile alternative to company's Google Analytics backed portal.
- Utilized PostgreSQL to generate multiple queries connecting website with database - all within 2 seconds.

- Self-initiated 7 data analysis projects to maximize consumer experience - added queries to database based on user, report, and region.

6.2017: *Ambisafe, San Francisco, CA*

**Junior Software Engineer**

- Coded a command line application to mass send Ethereum based ERC-20 tokens for a private client using Web3.js and Node.js in 2 weeks.
- Learned a script password based key derivation function in 2 days to decrypt MyEtherWallet wallets.
- Fixed 6 UI bugs for ICO token sale apps in 3 days with React Native.
- Became proficient with Web3.js in less than 3 weeks, and used it to program a token sender.
- Supported a senior engineer to help a startup in its ICO.

9.2016 – 5.2017: *Saint Francis High School Associated Student Body, Mountain View, CA*

**Student Council Leader**

- Created and led a campaign to eliminate 8000 water bottles/month at high school.
- Organized 40+ student leaders to promote initiative to all teachers and 62 classrooms.
- Directed and edited public service announcement.

7.2016 – 8.2016: *Carleton College, Northfield, MN*

**Computer Science Research Intern**

- Conducted gap analysis/logistical regression study for endangered species conservation in Minnesota.
- Used ArcGIS and Python to generate models for geospatial analysis research.
- Located Blanding's turtle habitats in the Twin City Metro.

8.2015 – 10.2015: *Streetcode, E. Palo Alto, CA*

**Volunteer and Mentor**

- Taught working adults HTML and CSS and how to create website wireframes.
- Prepared students with no coding experience for a Streetcode hackathon in 2 months.

7.2015 – 8.2015: *Cafetalk, San Francisco, CA*

**Web Developer Intern**

- Revamped all the help pages using HTML and CSS in 2 months.
- Established more than 10 advertising partnerships with internet language bloggers.
- Posted job openings for tutor positions and contacted over 200 applicants.

1.2014 – 11.2014: *Cooliris, Palo Alto / San Francisco, CA*

**Developer, QA, and Business Intern**

- Conducted quality control tests of company's Android and iOS apps.
- Coded 5 iOS apps and made a chat app using Objective-C.
- Compiled daily page length lists of UI/UX and feature add-ons.
- Generated 15 ads for social media to reach teens and young adults.
- Researched design practices for the Cooliris app.