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## Education

B.S. in Computer Science at the University of California, Davis. (exp. graduation 2018)

## Experience

Site Reliability Engineering Intern, Mailchimp Jun. to Sep. 2017

Built a notification system for Mailchimp's single deployment platform. Notifications capture all deployer (Travis-CI, Docker ext.) actions. Notifications are then visualized using a large Graphite cluster. Additionally, I developed a platform to automate Mailchimp's user-management scripts.

Co-Founder, Gradfire Jun. 2015 to Jan. 2017

Gradfire is the first platform to crowdsource students transcripts for effortless and effective higher-education course selection. Joined the Citris Foundry Accelerator at Haas School of Business, UC Berkeley. Currently, the platform has 4500+ registered students, with more than 45,000 visits.

Software Engineering Intern, Bitglass Jun. to Sep. 2016

Worked on a CASB (Cloud Access Security Broker) solution for all custom-developed Salesforce applications. Identified API footprints to effectively decrypt and encrypt client data.

Software Engineering Intern, XiQ Aug. to Dec. 2015

Introduced IBM's Bluemix PaaS to pre-existing XiQ API. Specifically used Watson's Discovery & Conversation utilities to introduce more content pipelines; API's accuracy improved significantly.

Software Engineering Intern, CK12 Foundation 2010 to 2014

Designed the 1.0 iOS application via Illustrator. Developed an Android application to gamify their educational content. Additionally, built a suite of QA tools to simplify resource citations for content creators and authors.

## Projects

### Dojo

An underground social network that clustered content based on location and interest.

### Wolfio

Solve any math problem, from simple arithmetic to multivariable calculus via SMS.

### Rapthatbeat

A search engine for all song instrumentals. Trended on Product Hunt and #1 in PH music.

### Ballmetric

Find all video clips of NBA plays broken down by player, shot type and distance.

### Shape Language

1st place overall at Hack Davis. Draw a shape on a touchpad, and it will vocalize it.

## Awards

Boy Scouts of America, Eagle Scout

Skills: **Javascript** (React, Backbone, Node, Redux) **Python** (Flask, Django, scikitlearn, Beautifulsoup) **OOP** (Java, C, C++) **Ruby** (Rails, Resque, Sinatra) **Deploy** (Travis CI, Webpack, Gulp, Babel, Jenkins) **Database** (SQL, PSQL, MySQL, PHP)