



# JACOB YOUNG

STUDENT • DEVELOPER

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## PROJECTS & OSS

### Commit Comments

Built a developer tool to create Git commit messages using code comments. Uses Bash scripts to search & create commit message.

### HELPq

Committed upstream changes to HackMIT's web based mentorship queue. Made large improves to user auth

### SWADashboard

Helped develop a terminal-based dashboard for scraping and notifying Southwest Airlines price changes.

## TECHNICAL SKILLS

### hobby

Elm  
Elixir & Phoenix  
OCaml  
Haskell  
Docker  
Kafka

### professional

HTML, CSS, SASS  
ES6+, React.js, Redux  
Node.js, Meteor.js  
Ruby on Rails  
Postgres, MongoDB  
AWS

## EDUCATION

### B.S. Computer Science

2017 - 2019

University of California, Davis | Junior Transfer

Davis, CA

- Software Engineering in Rust
- UC Berkeley CS 61A
- Data Structures & Algorithms
- Assembly Programming
- Machine Learning Algorithms
- Discrete Mathematics & Probability
- Differential Equations
- Linear Algebra

## EMPLOYMENT

### Braintree

June - August 2017

Software Engineering Intern

Chicago, IL

Worked on public-facing merchant onboarding forms, and backing Ruby/Clojure micro-services. Developed new onboarding flow for APAC region using Ruby on Rails. Created A/B testing infrastructure and experiments for new merchants in APAC.

### Tulip

June 2016 - June 2017

Software Engineering Intern

Cambridge, MA

Built and refactored real-time factory analytics system. Refactored more robust time series data model with user-friendly general purpose analytics builder. Engineered highly performant React.js web & Electron app that reduced analytics load times by 300%.

## LEADERSHIP

### Cal Hacks 4.0 & 3.0

2016 - Present

Director / Organizer

Berkeley, CA

Organized and directed the largest collegiate hackathon with over 2300 hackers. Recruited and organized 150 volunteers. Developed and deployed event web applications during the 36-hour hackathon.

### Hack Davis 3 & 1

2016 - Present

Director / Organizer

Davis, CA

Assisted with venue setup, mentor coordination, and director advising for Hack Davis 1. Currently organizing Hack Davis 3 for early 2018 with over 700 hackers at the ARC Pavilion at UC Davis.

### dvcoders

2015 - 2016

Club President

Pleasant Hill, CA

Co-founded first student programming club at Diablo Valley College. Grew weekly membership from 15 to 135 students. Introduced students to Git, RESTful APIs, JavaScript, and web servers.