

# DAVID FLACK

## FULL-STACK SOFTWARE ENGINEER

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Full stack software engineer.  
Always focused on the “greater than” - putting the ease of the user and my colleagues above all else.

## Skills

### TECHNOLOGIES

HTML5  
CSS  
SCSS/LESS  
React.js  
Redux  
Node.js  
Sql/PostgreSQL  
Python  
C  
Jest testing

COMFORTABLE SPEAKING IN  
FRONT OF LARGE CROWDS.

CONFIDENT IN ARTICULATING  
SOFTWARE CONCEPTS TO  
ENGINEERS AND NON-ENGINEERS  
ALIKE.

## Education

### Lambda School

Nov. 2018 to June 2019

#### Computer Science 2019

- Followed agile development and Git workflow methods, submitting all projects on time as feature complete MVPs.
- Developed applications using HTML, CSS, JavaScript, React, Redux, Node, Express, SQLite3, Python, and C.
- 30 weeks of hands on, fast paced, intensive experience shipping, testing, pair programming, and debugging code.
- Performed regular code reviews and worked collaboratively with full stack teams.
- Studied algorithms, data structures, computer architecture and system design.

### Chapman University

Aug. 2013 to May 2017

#### B.A., Economics 2017

#### B.F.A., Theatre Performance 2017

#### Magna Cum Laude

Chancellor's List: Fall 2013, Spring 2014, Spring 2015, Fall 2015, Spring 2016, Fall 2016

## Projects

### BookMaps (full-stack developer)

- Built in 5 weeks with a team of 5 other developers
- Allows users to connect with people in their area to borrow and loan books
- Users can log-in using OAuth and Passport.js
- Integrates Google Maps API so that users can view each other's locations
- In-app messaging using Twilio
- Automatic late fees charged using Stripe

### JetLogr (front-end developer)

- Won "Most Likely to Become a Startup" at the semi-annual Lambda School hackathon
- Allows pilots to maintain detailed flight log books
- Pilots can log-in using auth0
- Data visualization using Chart.js
- Pilots can add their custom signature before printing their log book

### Guidr (front-end developer)

- Full-stack web application built using React, Redux, and Node.js.
- Allows outdoor guides to build portfolio of their adventures
- JWT authentication
- Styled with SCSS

### I'll Serve Soup (backend developer)

- Custom REST API for a soup kitchen management system
- JWT authentication
- Upload images using cloudinary
- Postgres persistent database

## Employment

### Lambda School

#### Team Leader

Remote  
June 2019 to Current

- Provide 1:1 code review and feedback to students on a daily basis
- Develop customized action plans for students on an Agile weekly sprint timeline
- Support instructors by answering students' questions and providing resources for further learning
- Resolve interpersonal conflicts through remote work tools such as Slack and Zoom

### VIPKid

#### ESL Teacher

Remote  
June 2017 to Current

- Prepare interactive lectures for 1-on-1 English classes with Chinese students
- Develop of lexicon of gestures and implement the use of props to demonstrate the facets of the English language
- Evaluate each student's progress after every lesson, prescribing a course of action to improve the student's English

### Adventures Out West

#### Assistant Manager/Zipline Guide

Manitou Springs, Colorado  
Mar. 2014 to Aug. 2017

- Maintained detailed spreadsheets that logged the condition of every piece of zipline equipment, including every carabiner, harness, and zipline cable
- Supervised a training regimen for new guides and administered disciplinary action as needed
- Hosted special events for other Manitou small business owners to encourage cooperation in the local marketplace
- Performed rescues on guests at upwards of 650 ft high in case of a malfunction in the zipline equipment

### TimeLine Theatre Company

#### Artistic Administration Intern

Chicago, IL  
May 2018 to Sept. 2018

- Communicated the artistic needs of a production with top Chicago talent agencies
- Negotiated the terms of performers' contracts with actors and their representatives
- Assembled agendas and schedules for administrative meetings