

# Brennan D Baraban | Software Engineer

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## EDUCATION

**Holberton School, San Francisco** — Completed foundations curriculum in Jun. 2019  
Full-Stack Software Engineering Cohort 7

**Coursework:** Client- & server-side web development, RESTful API's, object-oriented programming, test-driven development, data structures & algorithms, Linux/Unix, databases, sysadmin & DevOps, site reliability engineering

**University of California, Davis** — Graduated in three years in Jun. 2018  
Bachelor of Arts in American Studies, double minor in Statistics & Economics GPA: 3.86

**Coursework:** Programming & Problem Solving, Discrete Math for CS, Software & Object-Oriented Programming

## SKILLS

**Programming:** JavaScript, TypeScript, Node.js, React, Redux, HTML, CSS, Python, Flask, SQL, C, Linux, Bash, Git

**Interpersonal:** Proactive communicator; self-starter; excellent writer; adaptable and collaborative; driven learner

## PROJECTS

**IdeaDog | Social ideas app | ideadog.site | React, TypeScript, Material-UI, Auth0** — Jun. 2019 - Present

- With a partner, plan, develop and deploy a full-stack social media web application in two weeks
- Insist on modern, best React practices in design and implementation of front-end UI/UX
- Integrate a unique tech stack - a Rust web server, NoSQL database, and passwordless authentication process

**HolbertonBnB | AirBnB clone | bdbnb.site | Python, Flask, MySQL, HTML, CSS, jQuery** — Feb. 2019 - May 2019

- Build, test and deploy a Flask web app, RESTful API, and dynamic website based on AirBnB
- Pair program with four different cohort peers for each piece of application
- Inherit and work on three isolated codebases developed by previous Holberton cohorts

**Hack Days | WRITEME.md & Spadefish | HTML, Bulma CSS, Kivy** — May 10 & 24 2019

- Develop minimum viable products - desktop and web apps - in two separate 24-hour hackathons
- Elected CEO for each group - conceived product ideas and synchronized front-end/back-end teams
- Led front-end teams for each app, including design and implementation of UI/UX

## WORK

**Returning Resident Advisor | UC Davis Student Housing & Dining Services** — Sept. 2016 - Jun. 2018

- Advise and support up to fifty first-year undergraduates living in residence halls
- Mentor and guide first-time Resident Advisor coworkers
- Communicate and organize programming to uphold Student Housing policies and goals

**Sales Associate | Pet Food Express** — Jun. 2014 - Jan. 2017

- Train in dog and cat nutrition and care to best advise customers on pet supply purchases
- Coordinate with coworkers to meet and exceed company sales goals
- Volunteer as flexible, rotational associate - worked at six different Bay Area locations throughout my tenure

## WRITING

**Medium | medium.com/@bdov\_** — Sept. 2018 - Present

**Holberton | blog.holbertonschool.com/author/brennan-baraban** (awaiting publication) — May 2019 - Present

- Teach and explain technical topics including low-level & high-level programming and overviews of industry fields
- Holberton - break down C programming concepts and functions at an introductory level; commissioned