

Cam Bui

 [portfolio](#) |  [ncbui](#) |  [cambui](#) |  bui.nct@gmail.com

EXPERIENCE

Software Engineer Intern, Livestack.video, Sep 2020 – Oct 2020

- ★ Built realtime activity feed to increase user engagement by integrating **Socket.IO** with **React** application, **Express** server, and **PSQL** database.
- ★ Refactored **React** form wizard for maintainability and testability. Increased test coverage of existing components from 7.7% to 100%.

Data Processing Associate, Invitae, May 2018 – May 2020

- ★ Centralized quality control process by writing efficient queries to AWS-hosted databases to build **Tableau** dashboards. Reduced production time by 75%.
- ★ Wrote analytics user stories and acceptance criteria to implement product analytics software to track user conversion and uncover realtime pain points.

Research Assistant, Action & Consciousness Lab, Aug 2016 – Dec 2018

- ★ Conducted psychological research on action control, urges, and sense of immediacy as a function of intention with semantic associations. Published research in [Psychology of Consciousness](#).

SOFTWARE PROJECTS

Anaconda

- Developed a browser-based game using Canvas API to build a 2D grid and draw realtime animations that allows users to play a remix of the classic arcade game Blockade.
- Designed an NPC that detects food and uses obstacle-avoidance strategies to move towards food.
- Utilized: Javascript, Canvas API, HTML, CSS. [Demo](#). [GH](#).

Warbler

- Built a server-rendered Twitter clone that allows users to create accounts, follow others, read a tweet feed from users they follow, and like tweets.
- Utilized: Python, Jinja, Flask, and PostgreSQL. [Demo](#). [GH](#).

EDUCATION

Rithm School, San Francisco, CA. Full Stack Web Development Jul 2020 – Oct 2020

San Francisco State University, SF, CA. Masters coursework in Psychology Aug 2016 – Dec 2018

San Francisco State University, SF, CA. Bachelor's in Kinesiology Aug 2013 – Dec 2015

SKILLS

Languages & Technologies: Javascript, Python, SQL, Node.js, HTML, CSS, Git, npm, Heroku

Frameworks: React, Redux, Express, PostgreSQL, Flask, Jinja, Jest, unittest