

ALLEN BUI

SOFTWARE ENGINEER

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SOFTWARE APPLICATIONS

Airbnb Replication

React, JavaScript, CSS, Jest & Enzyme, AWS EBS

- ◊ Utilized CSS Grid to rapidly prototype different design patterns and align content
- ◊ Interacts with multiple APIs to receive photo data and vanilla JavaScript to parse and group data into categories
- ◊ Led daily stand up meetings at Hack Reactor with team members to map, plan, and design project requirements

[Github](#) | [Link](#)
San Francisco, CA

Trivia Application (Project Phase: Finishing Touches)

TypeScript, React, React Hooks, CSS/SASS, Responsive Design

- ◊ Changed class based stateful components into React Hooks for function and code minification
- ◊ Single page application design for faster speed and performance, page changes are dependent on application state
- ◊ Create responsive design across all devices using CSS and SASS design patterns

[Github](#) | [Link](#)
San Francisco, CA

Personal Portfolio

React, JavaScript, CSS, HTML, Responsive Design

- ◊ Used media queries to create responsive views and compatibility across all devices
- ◊ Worked with an email API to automatically send client feedback directly to my inbox
- ◊ Continuously improving infrastructure and design by refactoring older components and creating new ones

[Github](#) | [Link](#)
San Francisco, CA

Amazon Optimization & Exploration

PostgreSQL, Cassandra, AWS EC2, K2, Loader.io

- ◊ Increased 10M+ record query load time by 50%, going from 3 to 2 minutes through changing chunk size
- ◊ Implemented and analyzed 3 databases (MongoDB, PostgreSQL, and Cassandra) to see which yielded best performance
- ◊ Deployed microservice on AWS EC2, achieving up to 1,500 RPS with 0% error rate (stress tested with loader.io)

[Github](#)
San Francisco, CA

Personal Blog

React, JavaScript, CSS, MySQL, Authentication

- ◊ Created user authentication and registration from scratch through using MySQL and Express.js
- ◊ Allowed users to make posts, which saved to the database and retrieved all their posts when they logged in
- ◊ Utilized CSS Grid display, which allowed for faster experimenting with different designs

[Github](#)
San Francisco, CA

PROFESSIONAL EXPERIENCE

Salesforce

Senior Data Analyst

- ◊ Built data integrations with Python, ETL, and MySQL to streamline 10M+ rows of data into our visualizations
- ◊ Increased my team's productivity by 30% by automating manual processes through using Python and Pandas
- ◊ Coded, designed, and enhanced executive facing dashboards from scratch to provide leadership team real-time insights
- ◊ Mentored and taught my interns at the time on how to write code in Python, SQL, and SAQL
- ◊ Performed User Acceptance Testing (UAT) to over 1,000+ compensation templates to ensure target accuracy
- ◊ Worked cross-functionally with various stakeholders to ensure the success of our sales reps and organization

Jan 2016 – Oct 2019
San Francisco, CA

LinkedIn

Data Analyst

- ◊ Provided insights and data to over 2,500+ unverified enterprise & small business accounts within Salesforce.com
- ◊ Utilized SQL to collect data and analyze data, then build dashboards to track team metrics against our KPIs
- ◊ Consistently outperformed weekly quota by 20% (300 of 250 required), leading to more generated sales and revenue
- ◊ Shortened Salesforce verification process by 15% through usage of Excel Connector

Oct 2014 – Oct 2015
Sunnyvale, CA

EDUCATION

Hack Reactor @ Galvanize

Advanced Software Engineering Immersive

San Francisco, CA
Certified: Sept 2019

University of California, Davis

Bachelor of Arts Degree in Economics

Davis, CA
Degree Awarded: June 2014