ALLEN BUI

SOFTWARE ENGINEER

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SOFTWARE APPLICATIONS

Airbnb Replication [Github]() | [Link]()
React, JavaScript, CSS, Jest & Enzyme, AWS EBS San Francisco, CA
◇ 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

Trivia Now Application [Github]() | [Link]()
TypeScript, React, React Hooks, CSS/SASS, Responsive Design San Francisco, CA
◇ 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
◇ Utilized media queries with CSS/SASS animations for responsive design and device compatibility

Personal Portfolio [Github]() | [Link]()
React, JavaScript, CSS, HTML, Responsive Design San Francisco, CA
◇ 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

Amazon Optimization & Exploration [Github]()
PostgreSQL, Cassandra, AWS EC2, K2, Loader.io San Francisco, CA
◇ 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)

Personal Blog [Github]()
React, JavaScript, CSS, MySQL, Authentication San Francisco, CA
◇ 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

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PROFESSIONAL EXPERIENCE

Salesforce Jan 2016 – Oct 2019
Senior Data Analyst San Francisco, CA
◇ 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

LinkedIn Oct 2014 – Oct 2015
Data Analyst Sunnyvale, CA
◇ 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

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EDUCATION

Hack Reactor @ Galvanize San Francisco, CA
Advanced Software Engineering Immersive Certified: Sept 2019

University of California, Davis Davis, CA
Bachelor of Arts Degree in Economics Degree Awarded: June 2014