

# ALLEN BUI

FRONT-END DEVELOPER

(408) 643-2922  
allen.vbui@gmail.com  
linkedin.com/in/allenvbui  
github.com/allen-bui

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## PROFILE & SKILL

I enjoy making designs come to life. Having gone through software engineering training combined with my professional experience in coding complex data visualizations, I'm excited to begin my journey as a front end developer. Below are skills I've acquired in school and eager to put into practice!

- ◊ **Front End:** JavaScript, React, HTML, CSS
- ◊ **Back End:** Node.js, Express, Python, MySQL, ETL
- ◊ **Testing:** Mocha, Chai, Enzyme, Jest
- ◊ **Deployment:** AWS EC2, EBS, RDS

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## APPLICATIONS

*Software Engineer - Front End*

### Airbnb - Photos Service

Front-end application mirroring Airbnb's photo component on the product item description page

- ◊ Worked with external photo API (Unsplash) to pull photos based on room specification
- ◊ Combined microservice with checkout and review service on a proxy server, then deployed on AWS EBS & RDS
- ◊ Tested components with Jest and Enzyme to ensure components can handle all edge cases and constraints

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

*Software Engineer - Back End*

### Amazon - Reviews Service

System design focused application optimizing database performance and query speeds

- ◊ 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

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## PROFESSIONAL EXPERIENCE

*Senior Data Analyst*

### Salesforce

- ◊ Increased productivity by 30% through automating operational processes with Python
- ◊ Code, design, and enhanced C-Suite executive facing dashboards on our analytics platform to help drive decision making
- ◊ Built scheduled data integration pipelines (ETL) to automate 10M+ rows of data to flow into our dashboards
- ◊ Lead analyst in handling big platform migrations from Python only to MySQL + ETL, providing a more user friendly environment for non-technical team members
- ◊ Worked closely with sales compensation analytics and policy teams, performing User Acceptance Testing (UAT) to over 1,000+ compensation templates to correct quota and payout curves

Jan 2016 - Oct 2019  
San Francisco, CA

*Data Analyst*

### LinkedIn

- ◊ Provided top-notch data for over 2,500+ 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%, leading to more generated sales and revenue
- ◊ Shortened Salesforce verification process by 15% through usage of Excel Connector

Oct 2014 - Oct 2015  
Sunnyvale, CA

*Intern*

### Morgan Stanley

- ◊ Met and trained with Senior VP of Global Wealth, covering topics in fundamental analysis, technical analysis, portfolio construction, and options trading
- ◊ Created and presented complex technical analysis models through TD Ameritrade's ThinkOrSwim software

Apr 2014 - June 2014  
Sacramento, CA

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## 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