

# Brady Sutton

*Software Developer*

## Education

2009–2013 **Bachelor of Science in Engineering**, *Harvey Mudd College*, Claremont, CA, .

2017 **Coding Internship**, *Bloc.io*, San Francisco, CA.

Participated in a Coding internship for the last 7 months full time for more than 40 hours a week

## Familiar Technologies

- HTML
- CSS
- Javascript
- AngularJS
- Angular
- ReactJS
- Redux
- Bootstrap
- Ruby
- Ruby on Rails
- SQL

## Experience

### Vocational

2014 **Dynamics Engineer**, *SpaceX*, Hawthorne, CA.

Engineering contractor doing Coupled Loads Analyses for SpaceX

- Worked on a team of 16 people performing the dynamic vibrations analysis which coupled SpaceX rockets with the customers payloads;
- Used mathematical models to ensure that customer payloads and the launch vehicle would not be damaged during flight;
- Recorded and analyzed all events which occurred while transporting the rocket to confirm that no events caused damage to the launch vehicle
- Interfaced with customers engineering teams to best know that

2015–2017 **General Manager**, *Chipotle*, Cary, NC.

Oversaw day to day operations of a Chipotle

- Hired and trained over 30 staff members
- Improved critical inventory variance from 3% to less the 1%
- Wrote schedules to meet labor targets based on projections, causing labor overages to drop by five hours per day in the six months writing the schedule
- Personally talked to guests in the restaurant to ensure an excellent guest experience
- Addressed any issues brought to me personally by the guests or through our secret shoppers

### Educational

2012–2013 **Engineering Clinic**, *Shell Corporation*, Harvey Mudd College, Claremont, CA.

Engineering student working for Shell Corporation for my capstone clinic project my senior year. I worked with a team of five other students to access location based technologies to improve safety on Shell Drilling Sites

- Performed through research all different technologies used to track workers on sites, such as RFID, LIDAR, Infared, and GPS tracking
- Searched patent records for any technology that was currently patented use for location based worker safety
- Presented our findings to the Project Directors at shell and made a recommendation to work with Scan-Link, existing RFID company which could meet the Shell's needs
- Worked with Scan-Link to improve and add requirements Shell desired in their final product
- Compiled a final report of all work done and presented our results

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