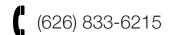
# Hillary Fan







## **WORK EXPERIENCE**

#### **Teradata, Software Engineer Intern**

June 2017- Apr 2018

- Used Angular 4 to build a Web Application to automate system dependency solutions
- Used Github, Jenkins, Ansible, and Docker for continuous integration
- Designed User Experience of app through iteration and mock-ups

# Mesh Edu, Software Engineer Intern

Oct 2016 - Mar 2017

- Used Django/Python and PostgreSQL to create a Web Application for realtime interaction in lecture halls
- Documented Use Cases and Requirements with agile techniques
- Used Google Analytics to monitor and adapt health of application

# **PROJECTS**

## **Time Capsule Web Application**

Sept 2018 - Oct 2018

- Used React.js, Node.js, and Firebase to build a Responsive Web App
- A diary that gives you a prompt every day and shows what your responses have been for the past few years.

## **Daily Challenge Web Application**

May 2018 - Aug 2018

- Used React.js, Node.js, PostgreSQL, and Heroku to build a Single Page Web Application that gives you a random challenge everyday
- Users keep track of their completed challenges through analytics

#### What To Eat Slack Command

Aug 6, 2019 - Aug 12 2018

- Used Node.js, Heroku, and Express to build a slash command for Slack Messaging App.
- Worked with Yelp API and Slack API to display three random businesses in the specified area

## **Flyering Robot**

Mar 2017 - June 2017

- Used Java and Android Studio to build a Bluetooth controlled Arduino robot
- Mitigate risks and manage group of peers to finish within 5 weeks

#### **Triton Transit**

Sept 2016 - Dec 2016

- Used Java and Android Studio to create Android App to aid students at UCSD by displaying arrival times of each bus line in real-time
- Displaying nearby bus stops to user and show routes that each bus line took

# **SKILLS**

#### **Front End**

- HTML5, CSS3
- JavaScript
- React.js
- Angular 4
- Bootstrap
- User Experience Design
- Responsive Web Design

#### **Back End**

- PostgreSQL
- Node.js
- Docker, Kubernetes
- Java
- Python/Django
- C
- Heroku
- Firebase
- Google Analytics

#### **Miscellaneous**

- Version Control
- Selenium Webdriver
- Virtual Environment
- Jenkins
- JIRA/Trello
- Project Management

# **EDUCATION**

UC San Diego

B.S. Computer Science,

**Business Minor** 

Graduation Date: June 2019