Hillary Fan

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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 real-time 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