TERRANCE LI

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EDUCATION

AUG 2019 – MAY 2023 UC BERKELEY, B.S. EECS, GPA: 4.0

JUN 2019 – AUG 2019 GOOGLE CSSI – COURSERA, DATA STRUCTURES AND ALGORITHMS

SKILLS

- Node.js (React, Express)
- Java
- HTML, CSS, SASS
- Git, GitHub
- PostgreSQL
- Ubuntu Linux

EXPERIENCE

MAY 2020 – AUG 2020 SALESFORCE, COMMUNITIES CLOUD, SWE INTERN
- Build customer-requested accessibility features for Lightning Web Runtime
- Design a novel implementation for F6 navigation that allows customer builders to define accessible regions in their custom layouts
- Implement fixes for screen-reader users receiving incorrect and incomplete readouts in LWR, a single-page-application

SEP 2019 – PRESENT CAL HACKS, DIRECTOR & TECH TEAM LEAD
- Design and maintain tech infrastructure for the world's largest collegiate hackathon
- Collect analytics and stay on-call for errors during large events
- Handle peak loads of 8500+ daily users, and 200+ concurrent users during large events

JAN 2020 – JUN 2020 CODEBASE – DATASTAX, CLIENT DEVELOPER
- Design a failure-resistant database migration service for new customers transitioning from Apache Cassandra to DataStax Astra
- Implement this "instant" migration service using CQL proxying and dsbulk data migration
- Test this system with a custom testing script using various edge cases

SEP 2019 – DEC 2019 CODEBASE – STORR, CLIENT DEVELOPER
- Designing and implementing GraphQL backend API endpoints for Storr, a platform where individuals can buy and sell items with their friends
- Developing a React Native client for the API endpoints

PROJECTS

JUL 2020 – PRESENT CUSTOM DRONE
- Working on building a custom Raspberry Pi controlled drone
- Planning on building flight-path navigation using GPS, automatic landing using computer vision techniques, and wireless charging

JUN 2018 – SEP 2019 NEWPORT MATH CLUB
- Wrote a production service for the club and the tournament it hosts (600+ competitors)
- Handles 150+ daily visitors (jumps to 1000+ during competition season)
- Streamlined competition data entry and automated results generation
- Halved data processing time from 2 hours to 1 hour