Timesh Patel

✉ ptimesh@gmail.com | ⌘ https://timeshpatel.github.io/ | in https://www.linkedin.com/in/timesh-patel/

Education

UC Santa Cruz *Santa Cruz, CA*
BS IN COMPUTER SCIENCE *Sept 2016 - June 2020*

Skills

Languages Java, Python, C, C++, Dart, Javascript, HTML, CSS, PostgreSQL, Expect, Tcl
Frameworks Amazon AWS, S3, and EC2, Alexa Skills Kit, Docker, Flutter, web2py
Technologies Travis Continuous Integration, BS5000 and Cobalt Network Radios, FreeRadius and Foglamp Authentication

Experience

Ondas Networks *Sunnyvale, CA*
VERIFICATION ENGINEERING INTERN *June 2019 - September 2019*
- Revamped the old Q&A process into an easy, modular set of scripts
- Developed scripts in Expect and Tcl to test their patented Software Defined Radios (SDR) platform, the BS5000 and Cobalt network radio
- Deployed FreeRadius and FogLamp authentication services to create a secure process for customer radio setup

Projects

Outfit Ready

December 2019
- Created an android and iOS app that allows users to see their clothing wardrobe/closet virtualized.
- Users can simply take pictures and upload their clothing items to a virtual closet where they can create new clothing outfits.
- Used Travis CI and a test driven development philosophy for unit testing.
- Used Dart to write the app in the Flutter framework, set up Google Firebase (Database Storage) to store user pictures, and enabled Google Vision API to identify clothing objects.

Dheliver

May 2018
- Developed a website with a team that allows users to access and order food from the UC Santa Cruz dining halls from the comfort of their own dorm or apartment.
- Users would be able to log onto the website and choose what kind of food they wanted delivered from any of the UCSC dining halls and it would be delivered to them for a flat rate.
- Used Stripe API for an easy checkout, Beautiful Soup for web scraping menu data from the university website, HTML to create a clean UI
- Website was hosted on Amazon AWS

Alexa Computer Science Tips

May 2017
- Designed a functional Alexa application supporting people who are learning to program
- People would be able to shout "Hey Alexa, show me Computer Science Tips" and the Alexa device would be able to give a tip on anything computer science related to the user.