Timesh Patel

ptimesh@gmail.com • US Citizen • https://www.linkedin.com/in/timesh-patel/ • https://timeshpatel.github.io/

EXPERIENCE

Verifications Engineering Intern   June 2019 - Sept. 2019

Ondas Networks | Sunnyvale, CA

- Revamped the old QA process into an easy, modular set of scripts which were used to create many simple scripts.
- Developed scripts in Expect and Tcl that tested and configured the patented Software Defined Radios (SDR) platform, the BS5000 and Cobalt network radio in a matter of hours in order to save days from manual testing and configuration.
- Deployed FreeRadius and Foglamp services to set up a radius protocol service which can be used to authenticate network access.

Projects

Outfit Ready   Dec. 2019

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

Dheliver   June 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 the Stripe API to create an easy checkout process, Beautiful Soup for web scraping menu data from the university website, and HTML and CSS 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.

EDUCATION

University of California, Santa Cruz (UCSC)| Bachelor of Science in Computer Science   Graduated June 2020
- *Student Senator*, College 10 Senate

SKILLS

- Languages: Java, Python, C, PostgreSQL (Postgres), Javascript, HTML, CSS, C++ Dart, Expect, Tcl.

- Frameworks: Amazon AWS, S3 and EC2, Alexa Skills Kit, Docker, Flutter, web2py.

- Tools/Technologies: Travis CI (Continuous Integration), Git, Linux, Unix, BS5000 and Cobalt network radios, FreeRadius and Foglamp services.