BHUMIT PATEL

Hayward, CA 94542 • (234) 718-1831 • patelbhumit83@gmail.com
https://www.linkedin.com/in/bhumit-patel-056740175/
http://csweb01.csueastbay.edu/~nt2955/ReactTour/dist/

Summary

To enhance the knowledge further in the fields of Software engineering and to create an opportunity in the same. Also, to be part of an organization where I can fully utilize my programming skills and algorithm designing skills to make a significant contribution in the way of success for the company, and at the same time, my individual growth.

Education

- **Master of Science**: Computer Science, Expected in 06/2021
  California State University - East Bay
  Enrolled in 2019. GPA of **3.75** on scale of 4.00
- **Bachelor of Science**: Computer Engineering, (Aug 2015 – May 2019)
  Gujarat Technological University - **India**
  CGPA of **8.39** on scale of 10.

Experience

- **California State University (East Bay) Teaching Associate :-**

  With an outstanding academic I was elected as teaching assistant for CS201 subject. Where I have to explain data structure and algorithms to undergrad students using C++ language. I have also explained traversing and searching in tree and graph.

- **Boons.IO (Software Developer Intern): -**

  Hayward, CA May'20-Aug'20

  Experienced Engineers team helps me to learn skills that are required to develop Software and how to integrate the database with Model to interact with view and controller.

  We have used Mongo dB as a database for connecting backend.

- **PORELAB Scientific Private Ltd.**

  Gujarat, India April'18 – May'19

  Web and Mobile application development with various API's on Firebase and Google Cloud to make more interactive and user-friendly application. Dot net framework also used for software development.

  Also worked with senior team as developer and used AWS API and Lambda function for website.

Academics Projects

- **Covid-19(Crowd Counting):- (May'20)**

  A deep learning algorithm is used and developed a model that helps to count people in images. We have trained model based on 3 classes of type low, medium, and high. I have also deployed that model to TensorFlow Keras to use in the mobile application.

- **Tour Website Development: - (Sep'19)**

  JavaScript DOM queries, React with Ne-Db as database promises used. Promises are used with Node.js function. Finally testing of various API's with chai assertion.

- **Home Surveillance: - (Nov'18 – May'19)**
  Coordinated Raspberry pi 3B for loading operating system using python programming language.
  Also use PIR sensor to detect human activity in absence owner.
  Firebase database and storage is used.

- **Leave Management System: - (Nov'17 – Feb'19)**
  Successfully build website using HTML, CSS and PHP as sophomore student project in Bachelor of Engineering.

Skills

- **Android app creation**: - Successfully used android studio and Firebase database for building various application
- **Swift Programming**: - Various IOS based application creation using XCODE
- **Raspberry PI**: - 3B model is used for Operating System loading using Python Programming

- **Data Structures**: - Various Algorithm and Structures for graph and tree generation
- **Python Programming**
- **Java Programming**
- **SQL database**
- **RDBMS**

Certifications

- **Introduction to Machine learning**: - Supervised and unsupervised learning Algorithm with Neural Network
- **Angular JS:** - React-Dom and Node JS for developing website and deploying on server
- **Swift Programming**: - Firebase connection and vari11ous API's for user-interactive IOS Application