

Akash Shah

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EDUCATION

Master of Science | *California State University Fullerton*

Computer Engineering

Expected December 2020

GPA: 3.34

Bachelor of Engineering | *Gujarat Technological University*

Computer Engineering

August 2014 - May 2018

GPA: 3.34

TECHNICAL SKILLS

Languages: Python, JavaScript, Java, C, C++, Swift.

Technologies and Framework: React Native, Expo, Visual Studio Code, Django, Flask, Firebase, Android, IoT, iOS, Xcode, CocoaPods, Eclipse, SQL, REST, Git, Machine learning, MATLAB.

EXPERIENCE

Web Developer | *California State University Fullerton*

April 2019 – Present

- Developing and maintaining College of Communication website using HTML, CSS, JavaScript, JSP and OU Campus.
- Leading team for making websites accessible as per section 508 and CSU's Accessible Technology Initiative.
- Automated process to take multiple server's backup on daily basis by adopting Windows PowerShell scripts.
- Implemented different patches to remove potential Vulnerabilities and installed SSL certificate in server using IIS Manager.

Junior Web Developer | *California State University Fullerton*

February 2019 - April 2020

- Updated event schedules and made visual changes on university website, which is used by more than 1000 students and staff.
- Maintained hardware such as projectors, printers, computer systems for department and managed to conserve Windows and Macintosh computers labs.

Software Development Intern | *Secure Backup*

June 2018 – December 2018

- Assisted software developers by analyzing customer needs, designing and testing software features.
- Architected a complete application for my organization for keeping, updating and accessing user details using Android.

PROJECTS

Nearby Cafe: [JavaScript, Expo, react-native, react-native-maps, Yelp API]

- Designed application that shows nearby cafes, restaurants on map with filters available in both iOS and android platforms.
- Fetched Yelp API calls, to see names, ratings, locations, contact details, opening hours of nearby places.

Sharing App: [Swift, Xcode, FBSDKCoreKit API, Goggle Sign-In API]

- Created iOS application for share users real time geolocation with their family and friends.
- Used different APIs for signing in application with their existing social media accounts.

Blog Site: [Python, Django, Amazon S3, Firebase]

- Managed, built and formulated blog website such as Twitter replica using Python, Django and Amazon S3 bucket.
- Involved features such as sign up, login, reset password, update profile and also users can create, edit, see and delete posts.

Restaurant Menu: [Java, Android, SQLite, Google Pay API]

- Framed an Android Application to view menu, give order, pay bill accepting Google Pay and get customer's valuable feedback from table.

Power Saving using Image Processing: [Python, MATLAB, Raspberry Pi]

- Pioneered a project based on Image Processing to cut power on detecting an empty room to save power using cameras.
- Built a model and algorithm, which operated multiple outputs from cameras using the concept of "Context Switching" in system.

Tweet Sentiment Analysis: [Python, Flask, react-native, Machine Learning]

- Engineered a cross-platform Application for Sentiment Analysis on Twitter posts using Machine Learning.

RELEVANT COURSEWORK

Advanced Algorithms

Advanced Database Management

Computer Networks

Data Structures

Advanced Computer Architecture

Web Development

Operating System

Artificial Intelligence

Object Oriented Design

Software Engineering

Mobile Application Development

Android Development