Akash Shah

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EDUCATION

Master of Science | *California State University Fullerton*   **Expected Dec 2020**
Computer Engineering   *GPA: 3.5*
Bachelor of Engineering | *Gujarat Technological University*   **Aug 2014 - May 2018**
Computer Engineering   *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*   **Apr 2019 – Present**
- Developing and maintaining College of Communication website using HTML, CSS, JavaScript, JSP and OU Campus.
- Led front-end development for website overhaul, improved site stickiness by 25%.
- Increased web traffic 75% by improving navigation, adding social media pages plugins and creating dynamic media sections.
- Secured website and server by 90% to 98% using different patches and installed SSL certificate in server using IIS Manager.
- Providing Tech support for the faculty in the College of Communications, especially during the transition from in-person to virtual teaching.

Junior Web Developer | *California State University Fullerton*   **Feb 2019 - Apr 2019**
- 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*   **Jun 2018 - Dec 2018**
- Assisted software developers by analyzing customer needs, designing and testing software features.
- Architected a complete application for keeping, updating and accessing user details, which saved company's time by 33%.

PROJECTS

Nearby Café | *JavaScript, Expo, react-native, react-native-maps, Yelp API*   *Link*
- 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, Google 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*   *Link*
- 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.
- Added features for customers to give review on Google reviews from their application.

Power Saving using Image Processing | *Python, MATLAB, Raspberry Pi*   *Link*
- 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 model a cross-platform Application in react-native for Android and iOS with Flask backend.
- Used TensorFlow and concepts of machine learning for sentiment analysis on social media posts on Twitter.

RELEVANT COURSEWORK

Advanced Algorithms	Advanced Computer Architecture	Object Oriented Design
Advanced Database Management	Web Development	Software Engineering
Computer Networks	Operating System	Mobile Application Development
Data Structures	Artificial Intelligence	Android Development