SHREYAS BHOSALE

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EDUCATION

Master of Science (Computer Engineering)	**California State University, Fullerton**	**May 2018 (Expected)**

- Courses: Software Measurement, Data Mining & Pattern Recognition, Web Development, Modern ReactJS with Redux

Bachelor of Engineering	**University of Pune, Maharashtra, India**	**May 2014**

- Courses: Programming Languages, Data Structures, System Programming and Operating Systems, Computer Architecture

LANGUAGES AND TECHNOLOGIES

- **Technologies:** HTML 5, CSS 3, Java, XML/JSON, AJAX, RESTful Web Services, Bootstrap 3.0
- **Languages:** Python, JavaScript, C, C++, VB.net, SQL, COBOL, JCL
- **Operating Systems:** Ubuntu, Windows
- **Tools and Frameworks:** GIT, JUnit, Selenium, Postman, ES6, Node JS, React JS, Adobe Photoshop, Adobe Dreamweaver

WORK EXPERIENCE

Graduate Student Assistant- **Web Developer**	**California State University, Fullerton**	**December 2016- Present**

- Working with eServices Team have been involved in not only enhancing the online sales, but also enhancing the website of the University Store (Titan Shops) using HTML and Javascript.
- Improved order processing time by 30%, by implementing tools to automate order distribution process.

Student IT Consultant	**California State University, Fullerton**	**December 2016 – May 2017**

- Provided hardware, software, and network technical support to faculty and students
- Assisted with application support, inventory management, documentation, and related tasks in a detail-oriented manner
- Maintained intranet and lab using strong PC hardware, software, and network troubleshooting skills

Software Engineer	**Accenture Services Pvt. Ltd., Mumbai, India**	**March 2014 – June 2015**

- Developed projects such as Paperless Initiative, Automation of Volume Monitoring Report, Bonus Reversals
- Built multiple automation tools improving SLA from weeks to few days using JCL, easytrieve languages
- Performed unit testing of the modules developed and enhancements to existing modules
- Experienced working in Agile Methodology using Scrum

PROJECTS

Campground Web Application (*Technologies:HTML5, CSS3, Javascript, jQuery, NodeJs, MongoDB.*)	**November 2017**

- Designed, developed a web application for campgrounds visited, and deployed it on Heroku
- Allows users to submit reviews, images, and cost per night of campgrounds visited by them
- User registration & authentication required to add new campgrounds or to comment on any existing campground posts using mongoose and passport through NodeJs

Medical Record System (*Technologies:HTML5, CSS3, Javascript, jQuery, Bootstrap.*)	**May 2016**

- Built interactive web application to store and manage patient information and maximize doctor/patient communication. The application increased the interaction by 60%
- Designed responsive login and registration forms using Bootstrap framework
- Performed UI testing using Selenium IDE and built automation test cases using Junit

Finance App (*Technologies:HTML5, CSS3, Javascript, jQuery.*)	**October 2017**

- Designed and built an interactive web application to help users maintain their budget using Javascript
- The app allows the users to update or delete their entries and manage their finances
- Mathematical calculations show how much percentage of total expenditure is outgoing compared to income

Online Shopping App (*Technologies:HTML5, CSS3, Javascript, jQuery, NodeJs, MongoDB.*)	**October 2017**

- Designed a responsive Amazon-like shopping app that makes online shopping for users easy
- User registration and authentication using mongoose and passport through NodeJs
- Users can add products to their shopping carts and then check-out to purchase

Spooky Author Identification–(Kaggle Rank 416) (*Technologies: Python, Scikit-Learn, NLTK, Numpy, Pandas*)	**December 2017**

- Data Preprocessing using Natural Language Processing (NLP) techniques like stemming and stop word removal
- Converted data to bag of words by tokenizing text using Count Vectorizer and downscaling weights of common words occurring all documents using tf-idf (Term Frequency – Inverse Document Frequency)
- Build various classifiers like Support Vector Machine, Naïve Bayes, Random Forest to predict author

EXTRACURRICULAR ACTIVITIES

- Core team member of 'MIT-TESLA', a national college festival on I.T., C.S., Mechanical, Electronics & Telecommunication, Civil, and new technologies
- Served as secretary of AETS (Association of Electronics & Telecommunication Engineering Students)