YANG YANG (Vivian)

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Position: 2016 Full Time | Software Engineer | Web developer
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EDUCATION

INDIANA UNIVERSITY BLOOMINGTON | Bloomington, IN July 2016

Master of Information Science | GPA: 3.9/4.0

Key Courses: Data Structures and Algorithms, Database Design, Web Development, Information Architecture for the Web, Human Computer Interaction, and Information Retrieval

TECHNICAL SKILLS

Languages: **Java, Python**, C/C++
Databases: **MongoDB**, **MySQL**, SQL Server, PostgreSQL
Web development: **HTML5, CSS3**, **JavaScript**, **AngularJS**, **JQuery**, PHP, AJAX, Bootstrap**,** Jasmine, XML
Software & Platform: **Eclipse, Git, WebStorm**, Wordpress, LucidChart

EXPERIENCE

CAMPUS CRUSADE FOR CHRIST (CRU) | WEB DEVELOPER INTERN

Dec 2015 - Jul 2016 | Bloomington, IN | Websites: MakingYourLifeCount, Me2You, Essentials24, IdeaFinder, GrowDeep

- Worked in web development team, converted old version Websites into responsive and user-friendly single page applications by AngularJS, CSS3, Bootstrap, PHP and MySQL, which provide users online connecting, sharing and learning experiences with the Christ.
- Designed aesthetic smooth site layout such as forms, user dashboards, applied Google/Facebook/The Key APIs into applications, added multiple responsive form validations which provide user immediate feedback and better user experience.
- Tested the sites on different browsers/phones/pads and optimized the user interface for cross browser compatibility. Designed RESTful web service, which allows for CRUD operations on JSON data.

INDIANA UNIVERSITY | ILS TECHNOLOGY CONSULTANT

Jan 2015 - May 2016 | School of Informatics and Computing, Bloomington, IN,

- Developed an official website for IU SALSA lab, which displays the research results for the IU SALSA lab members in the high-capability graph computing systems and applications field.
- Assisted students and faculty in regards to computer assistance, troubleshoot user problems.

PROJECT

YELP USER RATING TEXT PREDICTOR | Sep 2015 - Dec 2015

- Generated a text predictor for 2.2M reviews from 77K businesses from Yelp Dataset, which predict rating stars and the top 5 most probable business categories for new customer reviews.
- Generated the predictor using Info Retrieval methods and Machine Learning Linear SVC algorithm by and JAVA Lucene package on IU BIG RED II supercomputer. The words was massaged and reorganized into new collections and saved in mongoDB.

WEB APP MAKER APPLICATION | Jan 2015 – Jun 2015

- Built a web-app-maker application, which allows users quickly create dynamic webpages interface by widgets, and search images through Flickr without the need of writing one line of code in MEAN stack.
- Designed the web services to implement REST protocol, which allows for CRUD operations.

EXOTIC FELINE RESCUE CENTER WEBSITE REDESIGN | Aug 2015 - Dec 2015

- Evaluated the website's information architecture with IA method from UX perspectives.
- Redesigned the sitemap and wireframes. Analyzed the problems in current site and provide suggestions based on that. 80% of the suggestions were accepted. Changes has already been reflected in current website.

LOCAL INDIAN RESTAURANT REDESIGN | Feb 2016 – Apr 2016

- Redesigned the website for a local Indian restaurant and changed that into a single page web application with AngularJS, which allow buyers check entries ingredients and make reservations.
- Developed a database system with MySQL, which helped the owner manage the inventory and employer records more efficiently.

PYTHON GAMES | Jun 2014 -Aug 2014

- Created a series of small games like "Blackjack", "RiceRocks Spaceship", "2048", "Yahtzee", "Tic-Tac-Toe (Tree search)" game in Python.
- Developed the user interface with "simplegui" package, made them react to user behavior with event-driven code.