YANG YANG (Vivian)

San Jose, CA, 95129

yangyang861115@gmail.com | (812) 361-3408
Personal Website: www.yangyangvivian-yang266.rhcloud.com
LinkedIn: http://www.linkedin.com/in/yang-yang-a20547b2
GitHub: www.github.com/yangyang861115

EDUCATION

- **Indiana University**, Bloomington, IN | *Master of Information Science*   GPA: 3.9/4.0   July 2016
  Key Courses: Data Structures and Algorithms, Database Design, Web Development, Information Architecture for the Web, Human Computer Interaction, and Information Retrieval
- **Nanjing Audit University**, Nanjing, China **|** *Bachelor of Management*   GPA: 3.8/4.0   July 2009

EXPERIENCE

Campus Crusade for Christ (Cru), Bloomington, IN

Web Developer   December 2015-July 2016

Web applications that provide users online connecting, sharing and learning experiences with the Christ

- Converted old version Websites into responsive and user-friendly single page applications by **AngularJS**, **CSS3**, **Bootstrap**, PHP and MySQL.
- Applied Google/Facebook/The Key APIs into applications for better user experience.
- Designed aesthetic forms, dashboards and smooth site layout.
- Created Ajax calls to retrieve and parse on JSON data and built a series of dynamic forms with multiple responsive validations based on that.
- Tested the sites on different browsers/phones/pads and optimized the user interface for cross browser compatibility.
- Websites: MakingYourLifeCount, Me2You, Essentials24, IdeaFinder, GrowDeep

School of Informatics and Computing, Indiana University, Bloomington, IN

ILS Technology Consultant   January 2015-May 2016

- Assisted students and faculty in regards to computing assistance, troubleshoot user problems.
- Maintained the Information Commons space. Assisted students and faculty.

Web Front End Developer   January 2015- May 2015

Web application that displays the research results for the IU SALSA lab members in the high-capability graph computing systems and applications field.

- Developed official website for IU SALSA lab by using HTML, CSS, JavaScript. http://salsaproj.indiana.edu/Salsahpc/
- Maintained and updated the site: papers, code, content, layout, and images.

ACADEMIC PROJECT

- Analyzed a computer network for the connected components and clustering by DFS, k-means and Hierarchical clustering algorithms. Analyzed sequence alignment for genomes by using Dynamic programming.
- Predict categories of each business from Yelp Dataset by using Info Retrieval methods and Machine Learning classification methods. Used Linear Regression and **JAVA** Lucene package to predict rating of a review from its text.
- Created a series of small games like "Blackjack", "RiceRocks Spaceship", "2048", "Yahtzee", "Tic-Tac-Toe (Tree search)" game by **Python**.
- Developed a database system for a privately owned restaurant using **MS SQL Server**, which helped manage a local restaurant more efficiently.
- Applied UX design and IA method to the redesign for the website of Exotic Feline Rescue Center.
- Built a web-app-maker application, which allows users create dynamic webpages by widgets, and search images through Flickr in **MEAN** stack. http://yangyangvivian-yang266.rhcloud.com/assignment/webBuilder/#/
- Developed a portfolio website by using **AngularJS**, **Bootstrap**, **JQuery** and **MongoDB**.
- Redesigned the website menu page for a local Indian restaurant and changed that into a single page web application by using **AngularJS**.

TECHNICAL SKILLS

Languages:	**Java, Python**, C/C++
Platforms:	**UNIX,** Windows, OSX,
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