

Yuhan Raina Zhou

rainac527@gmail.com

(765)-479-5724

5621 Wilkins Ave, PA - 15217

Website: rainazhou.com

Github: github.com/Rainabeehive

LinkedIn: linkedin.com/in/rainabeehive

EDUCATION

Carnegie Mellon University, Pittsburgh, PA

MSIT E-Business, School of Computer Science, GPA: 3.73

August, 2017

Purdue University, West Lafayette, IN

B.S. Management Major with MIS Specialist

May, 2016

Udacity - Full Stack Web Developer Nondegree

Jan 2017 - Present

SKILLS

Languages: Java, JavaScript(ES6), MySQL, Python

Web Technologies: HTML5, CSS3, Bootstrap, jQuery, AJAX, AngularJS, J2EE, JSP, React, NodeJS, d3.js

Frameworks & other tools: Linux, Spring MVC, Jersey, Rational Rose, .NET, Illustrator, InDesign, Tableau

PROJECTS

Intelligent Customer Service

June – August 2017

- Designed and implemented a scalabel mobile web application using Undertow, jQuery, API.AI and JSON etc.
- Built UI for Dick's Sporting Goods mobile website, devising system for chatting AI and customer service hybrid.
- Developed and consumed RESTful API to meet client requirements including mutiple point instant messaging.

Mobile Trip Assistant

April – May 2017

- Designed and developed a native app that enables people to plan the trip by specifying the origin and destination.
- Created wireframes, and detailed specifications for the app, and conducted usability test to inform UX strategy.
- Worked extensively with Java, Android Studio and third party API including google map and port authority API.

Mutual Fund Trading Web Application

Jan – Feb 2017

- Implemented more than 20 use cases for customer and employee to manage mutual fund, using J2EE and MVC.
- Deployed the system on AWS EC2 instance with Tomcat server to ensure performance, scalability and availability.
- Optimized and scaled the app as RESTful web service by handling over 1400 RPS with an accuracy of 99.42%.

Online Pharmacy User Interface Design and Testing

Sept – Nov 2016

- Designed an e-commerce website for a leading Healthcare provider (UPMC) using data from contextual inquiries. Used HTML, CSS with Bootstrap, JavaScript(ES6), and jQuery.
- Identified usability issues by conducting user testing and documenting every breakdown, error condition that the user encounters. Re-designed the website based on heuristic evaluations to optimize user experience.

Client-side Contact Management Application

May 2017

- Designed and developed a web application for contact management using with Node.js, AngularJS and Bootstrap.
- Employed local storage to stored and retrieved contact data.

Carnegie Financial Service SEO and Data Mining

March – April 2017

- Evaluated existing site infrastructure and analyzed keyword market on targeted markets searching habits.
- Re-designed and tested existing site and improved average ranking of new site from 987 to top 10 among 4544 competitor's webpages for 35 key search phrases.
- Applied KNN algorithm to predict new customer buying habit and new product introduction sales volumes.

EXPERIENCE

Web Content Developer | NearbyEx.com

Aug 2014 – May 2015, Lafayette, IN

- Worked closely with UX team and product manager to evaluate site performance and identify opportunities for improving marketing strategies, contributing to a 30% increase in brand awareness within 2 months.
- Reviewed web analytics data to identify incohesive and underperforming web content.
- Utilized Magento Content Management System to execute updates and enhancements on a regular basis.