Xilin (Mark) Wang

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OBJECTIVE

Web developer with experiences in JavaScript and Python seeking a software engineer internship where I can utilize my full-stack web development skills and business domain knowledge to solve complex problems.

EDUCATION

Texas A&M University, Mays Business School — College Station, TX
M.S. in Management Information Systems (GPA: 4.0/4.0) — May 2019

The University of Texas at Austin, McCombs School of Business — Austin, TX
B.B.A. in Management Information Systems (GPA: 3.6/4.0) — Dec 2016

TECHNICAL SKILLS

Programming Languages: JavaScript/ES6, Python, Java, Objective-C, HTML, CSS, Shell
Frameworks: Bootstrap, Django, Flask, Hadoop, jQuery, Node.js, React/Redux, React Native
Tools: Agile Methodologies, Docker, Git, Heroku, MVC, MySQL, MongoDB, Salesforce.com, Selenium

SELECTED PROJECTS

Flashcard: React Native Mobile App — Mar 2018
- Built a cross-platform flashcard mobile application for both iOS and Android platforms
- Leveraged Native features such as Notification and AsyncStorage to implement application features

Readable: React-based Web Blog — Jan 2018 – Feb 2018
- Implemented React/Redux JavaScript framework to build a web blog with CRUD functionalities
- Deployed technologies including HTML, CSS, Bootstrap and Material UI to improve website visibility
- Used Firebase modules to enable username/password and Google authentication

AggieBite: Java-based Restaurant Recommendation Engine — Sep 2017 – Dec 2017
- Led a four-person-team to design and build a restaurant recommendation engine with Java and Gradle build tool that enables users to locate their favorite restaurants based on their past search history
- Implemented the item-based collaborative filtering algorithm to enhance recommendation accuracy
- Utilized the Yelp API to sort data to JSON format and MongoDB as database

Wordies: Node.js + React Full-stack Web Application — Jul 2017 – Aug 2017
- Developed a full-stack web application in JavaScript with React.js, Redux, React Router and webpack that empowers users to have their personalized dictionary featuring an interactive memorization game
- Wrote a Node.js back-end server and utilized RESTful API to retrieve data
- Effectively incorporated MVC architecture to design the application back-end structure

EXPERIENCE

The LIVESTRONG Foundation — Austin, TX
Data Analyst — Jan 2017 – May 2017
LIVESTRONG is a foundation known for providing free cancer support services to 2.5+ million people
- Saved $5k annual cloud storage cost by analyzing, segmenting, cleaning, and optimizing Salesforce CRM database of 4.5 million data entries with Microsoft SQL server in Scrum development methodology
- Developed a proprietary Salesforce workflow tool in Apex to automate the internal task assignment process utilizing the test-driven development methodology that reduced the projected cycle time by 20%
- Conducted system and user acceptance testing to ensure system integrity and usability
- Elicited project requirements from internal clients and made recommendations based on client feedback