Yuxiang(Shawn) Chen

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WORKING EXPERIENCE

Software Engineer, LinkedIn   Dec 2018 – Present

- Developed lead generation form in campaign manager desktop web application which increased LinkedIn advertisement revenue by 30%.
- Built an internal image-editing software library adopted by various products such as Carousel image editing, which demonstrated the ability to increase user adoption rate by 25%.
- Implemented various optimization algorithms to improve the site speed of campaign manager desktop web app by 40%.
- Collaborated with visual/interaction designers, other engineers, and product managers to launch new products, iterate on existing features, and build a world-class user experience.

Software Engineer, Plate IQ   July 2017 – Nov 2018

- Architected Plate IQ desktop web application and led front end engineers to develop scalable, maintainable product.
- Built a reusable internal front-end component library used across all products
- Developed an internal data entry tool to reduce man-hours of data collection by 90%

Front-end Web Developer Intern, Lilitofu   Apr 2017 – Jun 2017 (40hr/week)

- Developed user-facing features for everything that users see and touch on website including content, layout and interaction.
- Optimized application for maximum speed and scalability

Graduate Research Assistant, Human in the Loop System Lab, University at Buffalo   Jun 2016 - Feb 2017 (20hr/week)

Research: Multimodal Recording for Activities Recognition

- Designed and implemented collection, analysis, and recognition of human activity data in multimodality
- Wrote desktop software to automatically extract data from different wearable sensor synchronously

SKILLS

Programming: Java, JavaScript/Jsx/Es6, Typescript, Python, C++, C#, Matlab, html, css/sass/scss

Techniques: Jquery, Ember, React/Redux, Angular, Node, Bootstrap, AWS, RESTful API, Ajax, Git

PROJECT

Online Chat Web Application (yc-shawn.github.io/real-time-chat/)   Winter 2017

- Developed a dynamic web page for people to create/enter chat room and chatting in real-time
- Written in Node and React, use Bootstrap to create responsive component, style by SASS, use Webpack build tool
- Built relational to Firebase databases to implement real-time data uploading and retrieving

Signature Sign in System, UB Hacking, University at Buffalo   Fall 2016

- Use signature as verification to login personal account, implemented by Java
- Achievements: Best healthcare hack, 2016 UB Hacking Competition, University at Buffalo
- Utilized Java Swing toolkit to design front end user interface
- Implemented feature-based classification algorithm to recognize the login signature with 91% accuracy

EDUCATION

University at Buffalo, The State University of New York   Feb 2017

Master of Science in Mechanical Engineering (GPA: 3.4/4.0)

Coursework: Software Development, Machine Learning, Data Science

Tianjin Polytechnic University, Tianjin, China   Jun 2015

Bachelor of Building Environment & Equipment Engineering (GPA: 3.3/4.0)