Yichen Hao

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EDUCATION

Washington University in St. Louis – St. Louis, MO   *Expected Graduation: May 2021*
    Major: Bachelor of science in Computer Science
    Cumulative GPA: 3.97 / 4.00 | Dean's List Fall 2017 through Spring 2018
    Relevant Coursework: Data Structures and Algorithms, Web Development, Parallel and Concurrent Programming

SKILLS AND TOOLS

    Languages: Java, JavaScript, HTML, CSS, PHP, MySQL, Swift, Shell Script | Chinese, English, French
    Tools and Operating Systems: Eclipse, XCode, WebStorm, Visual Studio, Confluence, Puppet, Krpano, Linux, MacOS

PROFESSIONAL EXPERIENCES

Site Reliability Engineer, China Telecom Corporation Limited   *Jun 2018 – Aug 2018*
- Worked with a team of 6 engineers to plan, deploy, test and launch the distributed cloud storage service
- Reduced 80% deployment time by programming with Puppet (software configuration management tool)
- Chaired the planning, deployment of the 1 petabyte resource pools in Jinhua, Shijiazhuang and Chengdu
- Monitored CPU load and network utilizations with Ganglia

Student Developer, WashU Student Development Committee   *Oct 2017 – Present*
- Worked with an interdisciplinary group of 25 students to develop and integrate emerging technology into the student and greater campus experience
- Programmed the Virtual Reality Campus Tour with Krpano
- Took, stitched and integrated the 360 photos/videos in the Campus Tour
- Managed documentations, service level expectations and version control with Confluence, Bitbucket and Jira
- Migrated the server of the Student Technology Service website
- Actively participated in the weekly Swift training workshop

SELECTED PROJECTS

Concentration Game   *Jun 2018*
- Built an iOS Concentration Game with the Model-view-controller architecture
- Created multiple themes and real-time score updates

Web Chatroom   *May 2018*
- Used Socket.io to build a real-time chatroom application which allows user to create/delete multiple rooms, send public/private messages and kick/ban another user

Online Reversi Board Game   *Mar 2018*
- Programmed an online Reversi Board Game with React.js which can track the steps and alert illegal moves
- Embedded video tutorial and background music

News Website   *Jan 2018*
- Designed a News Website with PHP and MySQL which allows users to create account with hashed password, post/edit stories, comment on the news

LEADERSHIP EXPERIENCES

Student Ambassador, WashU Undergrad Admissions Office   *Sep 2017 – Present*
- Scheduled high school visit to present my WashU experience
- Connected with over 20 prospective high school students and guidance counselors

Executive Director, RDFZ JA Economy club   *Sep 2015 – May 2017*
- Set discussion topics, invited entrepreneurs and professors to give monthly lectures
- Organized trade fair for over 20 students' companies with a total sale of more than $10,000
- Held business simulation and presentation competition with 200+ participants across China

Vice President, Student Union Activity Department   *Sep 2015 – May 2016*
- **Director, Christmas Express:** Led 40 people to collect packages, sort gifts by schools, pack gifts, and deliver gifts; Increased over 800 participants' satisfaction by initiating the online registration
- **Co-Director, Singing and Dancing Carnival:** Managed logistics and planning for over 150+ competitors and over 1,000 gross audiences; Supervised orders during the event; Invited singing and dancing expert