WILSON ZHONG

CONTACT

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EDUCATION

Washington University in St. Louis
B.S. Computer Science 2019
GPA: 3.71
Dean's List

Stuyvesant High School, New York, NY
GPA: 93.0%

SKILLS

Programming: Java, JavaScript, Python, PHP, HTML, CSS, Git, Arduino
Web Tools & Frameworks: Node.js, React.js, AngularJS, MongoDB, MySQL
Currently Learning: C, C++
Languages: Conversational Cantonese

ACTIVITIES

Chinese Students Association · Treasurer
Asian Multicultural Council · Representative

EXPERIENCE

Ilerasoft, Inc. — St. Louis, MO
Software Developer — Jun 2017 - Present
- Collaborated with a team of developers overseas to build Ilerasoft's safety recall website
- Designed the website's front-end architecture using the React.js framework
- Built a web scraper with Python that collected the latest medical device recalls and added them to a back-end database

Washington University Computer Science Dept. — St. Louis, MO
Teaching Assistant — Jan 2017 - Present
- Assisted in teaching Data Structures and Algorithms and formerly Intro to Parallel Programming
- Tutored students on course material and provided assistance during class lectures and studios
- Conducted weekly TA help sessions and graded programming assignments and exams

Washington University Art Sci Computing — St. Louis, MO
Tech Support Help Desk — Oct 2016 - May 2017
- Served as first point of contact for caller's technical questions and routed phone calls to appropriate individuals for follow-up
- Provided technical consultation and assisted in computer equipment maintenance for departmental staff

Marcus Foston Laboratory — St. Louis, MO
Research Intern — Jun 2016 - Aug 2016
- Conducted experiments to gauge the efficiency of biomass fractionation and lignin extraction using deep eutectic solvents
- Collected the preliminary data for a research proposal to receive funding for further experimentation
- Identified sources of error in the experimental procedure and recommended appropriate alternative methods

PROJECTS

Finstagram
An image sharing website using the MEAN Stack (MongoDB, Express, AngularJS, Node.js) with the same basic functionality as Instagram.

Bluetooth Controlled Lamp
Created a lamp that responds to bluetooth commands via an app on your phone. Built with a RedBear Duo microcontroller and PhoneGap, a mobile web app framework.