

Suzanne Wen

Resume

+1 (254) 592 5421
suzanne.wen@rice.edu
suzannewen.github.io
suzannewen1
suzannewen

Education

2013–2017 **B.S. in Bioengineering**, *Rice University*, Houston, TX.
GPA: 3.73
President's Honor Roll, Fall 2013

Experience

Work

Summer 2016 **Technology Consultant Intern**, *Credera*, Dallas, TX, Integration & Data Services.
Developed front-end of health-care web application using HTML/CSS and Angular.js
Redesigned software deployment process to server environments using Jenkins scripting
Exercised agile methodology through daily scrums and iterative development

Summer 2015 **Intern**, *REBIScan*, Boston, MA.
Reengineered optics and mechanics of model eye used in biomedical device testing
Researched FDA regulatory pathway, culminating in presentation to FDA panel

Projects

Fall 2016 **Multi-user Single-page Web Application (ongoing)**, *Rice University*.
Developing full social media application via HTML/CSS, React.js, Node.js, Express.js and MongoDB
Implementing full-stack testing with unit and end-to-end tests
Integrating third-party authentication and session management with Redis caching

Fall 2016 **Sensory Enhancement Device (ongoing)**, *Rice University*.
Executing engineering design process from researching and prototyping to presentation on team of 5
Building microcontroller-powered circuit to interface with user's surroundings
Designing algorithms to process raw force input and convert to haptic feedback signal

Fall 2014 **Mathematical Model of the Human Lungs**, *Rice University*.
Modeled complex airflow due to lung mechanics and gas exchange using MATLAB in team of 7
Delivered professional oral presentation and written report

Leadership

2016–2017 **Co-President**, *Rice University*, Houston, TX, Cornerstone Christian Fellowship.
Oversees group of 15 leaders to maintain focused vision and goal throughout the school year
Manages all logistics, scheduling, and task delegation of weekly events

2014–2016 **Executive Board Member & Camp Counselor**, *Camp Kesem Rice*, Houston, TX.
Organized year-round fundraising and publicity events on campus, helping to raise over \$100,000
Served as two-time counselor at summer camp for over 50 children with families afflicted by cancer

2014–2016 **Peer Academic Advisor**, *Rice University*, Houston, TX, Office of Academic Advising.
Advised students on course scheduling, graduation requirements, and extra-curricular opportunities
Planned and executed events to facilitate academic advising with team of 20

Technical Proficiency

Languages & Skills

JavaScript (React.js, Node.js), HTML/CSS, Java, Bash, Git, Jenkins, MATLAB, AutoCAD

Relevant Coursework

Algorithms (via Coursera), Web Development, Embedded Programming, Computational Engineering, Numerical Methods, Electronic Measurement Systems, Human-Computer Interaction, Biomedical Engineering Instrumentation