

Suzanne Wen

Resume

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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
Managed code deployment to multiple server environments using Jenkins job sequences and 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
Maintained company website using WordPress and produced device's first instructional video

Projects

- Fall 2016 **Multi-user Single-page Web Application (ongoing)**, *Rice University*.
Developing full social media web application via HTML/CSS, React.js, Node.js and MongoDB
Implementing testing with unit testing, end-to-end testing and dummy server
Integrating third-party authentication and session management with Redis caching
- Fall 2015 **Optical Immunoassay System**, *Rice University*.
Designed and built light-detecting circuit to test blood samples for nanoshell-coated antibodies
Integrated external circuitry with LabVIEW programming for signal processing and GUI
- 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, HTML/CSS, Java, Git, MATLAB, LabVIEW, Latex

Relevant Coursework

Web Development, Embedded Programming, Computational Engineering, Electronic Measurement Systems, Numerical Methods, Biomedical Engineering Instrumentation, Human-Computer Interaction