

Jerry Shih-Ming Wang

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Jerrywang.info

(512) 545-2970

EDUCATION

The University of Texas at Austin	Bachelor of Science, Electrical Engineering Honors	May 2018
Overall GPA: 4.0/4.0		

EXPERIENCES

Big Data Software Engineering Intern – Optum – Boston, MA	June 2016 – August 2016
<ul style="list-style-type: none">• Redesigned and created Optum's Data Fabric 2.0 UI• Streamlined and pushed project to production• Learned and implemented Optum's standardized codes	
Undergraduate Research Assistant – University of Texas at Austin, BME Department– Austin, TX	January 2017 – Present
<ul style="list-style-type: none">• Analyze OCT signal using MATLAB• Modify existing OCT imaging system into portable version on 3D printer	
Undergraduate Research Assistant – University of Texas at Austin, BME Department– Austin, TX	February 2015 – Present
<ul style="list-style-type: none">• Assemble stress machine• Image cells and assess molecule of interest	
Undergraduate Teaching Assistant – University of Texas at Austin, ECE Department – Austin, TX	August 2015 – December 2015
<ul style="list-style-type: none">• Helped students with LabVIEW programming assignments• Introduced students to hands-on building of simple resistive circuits	

VOLUNTEERING

Faculty Recruiting Interview – University of Texas at Austin, ECE Department – Austin, TX	March 2017
<ul style="list-style-type: none">• Assessed prospective faculty members as member of student panel• Provided feedback to hiring committee	
STEM Tutor – Paredes Middle School – Austin, TX	September 2016 – Present
<ul style="list-style-type: none">• Help 7th graders with their math problems• Encourage students to see problems in different perspectives	
Volunteer Lab Tech Assistant – Volunteer Health Clinic – Austin, TX	October 2016 – Present
<ul style="list-style-type: none">• Assist with technology in lab• Perform tests and record results	

PERSONAL PROJECTS

IEEE-RAS Mercury Remote Robot Challenge – Stillwater, OK	April 2016
<ul style="list-style-type: none">• Utilized mechanical lever arm/pneumatics to toss object• Communicate wirelessly and control robot from Austin, TX	

SKILLS

Computer:	Certified in Microsoft Word and PowerPoint Specialist, Excel Expert, and Adobe Photoshop Proficient in C++, C, HTML/CSS, jQuery, and assembly language Adequate in Java, AngularJS Familiar in NI LabVIEW, Cisco Packet Tracer, Python, MATLAB, and SolidWorks
Language:	Bilingual in English and Mandarin Chinese Familiar in Spanish

ACCOMPLISHMENTS

• Recipient – Dean T.U. Taylor Foundation Endowed Presidential Scholarship in Engineering	August 2016
• Recipient – Undergraduate Research Fellowship	February 2016
• Leader – IEEE Robotics and Automation Society at the University of Texas at Austin	September 2014