

Jerry Shih-Ming Wang

Jerry.shih-ming.wang@utexas.edu

Jerrywang.info

(512) 545-2970

EDUCATION

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

EXPERIENCES

Big Data Software Engineering Intern – Optum – Boston, MA • Redesigned and created Optum's Data Fabric 2.0 UI • Streamlined and pushed project to production • Learned and implemented Optum's standardized codes	June 2016 – August 2016
Undergraduate Research Assistant – University of Texas at Austin, BME Department– Austin, TX • Analyze OCT signal using MATLAB • Modify existing OCT imaging system into portable version on 3D printer	January 2017 – Present
Undergraduate Research Assistant – University of Texas at Austin, BME Department– Austin, TX • Assemble stress machine • Image cells and assess molecule of interest	February 2015 – Present
Undergraduate Teaching Assistant – University of Texas at Austin, ECE Department – Austin, TX • Helped students with LabVIEW programming assignments • Introduced students to hands-on building of simple resistive circuits	August 2015 – December 2015

VOLUNTEERING

Faculty Recruiting Interview – University of Texas at Austin, ECE Department – Austin, TX • Assessed prospective faculty members as member of student panel • Provided feedback to hiring committee	March 2017
STEM Tutor – Paredes Middle School – Austin, TX • Help 7th graders with their math problems • Encourage students to see problems in different perspectives	September 2016 – Present
Electronic Medical Records Volunteer – Volunteer Health Clinic – Austin, TX • Assist with technology in lab • Perform tests and record results	October 2016 – Present

PERSONAL PROJECTS

IEEE-RAS Mercury Remote Robot Challenge – Stillwater, OK • Utilized mechanical lever arm/pneumatics to toss object • Communicate wirelessly and control robot from Austin, TX	April 2016
--	------------

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