

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 Overall GPA: 4.0/4.0	May 2018
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EXPERIENCE

Big Data Software Engineering Intern – Optum – Boston, MA <ul style="list-style-type: none">Redesigned and created Optum's Data Fabric 2.0 UIStreamlined project and pushed to productionLearned and implemented Optum's standardized codes	June 2016 – August 2016
Undergraduate Research Assistant – University of Texas at Austin, BME Department – Austin, TX <ul style="list-style-type: none">Analyze OCT signal using MATLABModify 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 <ul style="list-style-type: none">Culture, passage, and freeze cancer cellsQuality assured CAD design for aluminum parts	February 2015 – Present
Undergraduate Teaching Assistant – University of Texas at Austin, ECE Department – Austin, TX <ul style="list-style-type: none">Helped students with LabVIEW programming assignmentsIntroduced students to hands-on building of simple resistive circuits	August 2015 – December 2015

Volunteering

STEM Tutor – Paredes Middle School – Austin, TX <ul style="list-style-type: none">Help 7th graders with their math problemsEncourage students to see problems in different perspectives	September 2016 – Present
Volunteer Lab Tech Assistant – Volunteer Health Clinic – Austin, TX <ul style="list-style-type: none">Assist with technology in labPerform and record test results	October 2016 – Present

ACADEMIC PROJECTS

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

Computer Skills: 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

Languages: Bilingual in English and Mandarin Chinese, Familiar in Spanish

ACCOMPLISHMENTS AND MEMBERSHIPS

Member – Phi Kappa Phi – The University of Texas at Austin Chapter	March 2017
Recipient – Dean T.U. Taylor Foundation Endowed Presidential Scholarship in Engineering	August 2016
Recipient – Undergraduate Research Fellowship	February 2016
Member – Eta Kappa Nu – The University of Texas at Austin – Psi Chapter	November 2016
Member – Tau Beta Pi – The University of Texas at Austin – Alpha Chapter	April 2016
Community Service Committee – Theta Tau – The University of Texas at Austin – Psi Beta Chapter	December 2015
Member – Alpha Lambda Delta & Phi Eta Sigma – The University of Texas at Austin Chapter	March 2015
Leader – IEEE Robotics and Automation Society at the University of Texas at Austin	September 2014
Mary Carroll High School valedictorian	June 2014