**Education**

**Texas A&M University,** College Station, TX

Bachelor of Science in Electrical Engineering May 2017

GPA: 3.2

**Relevant Experience**

**BASF,** Freeport, TX Summer 2015

Intern in the Instrumentation and Electrical (I/E) Design Group

* Consulted with approved vendors, local distributors, maintenance engineers to compile an I/E Preferred Vendor List.
* Developed a standardization for documenting network systems while aware of existing industry technical standards.
* Involved in Piping & Instrument Design (P&ID) Verification and Man Hour Estimation for a site-wide project.
* Exposed to I/E equipment including Distributed Control System (DCS), PLC, and Safety Instrument System (SIS).

**TAMUHACK 2016,** College Station, TX Fall 2016

* 1st Place Award for best hack in 24 hours out of 78 other teams.
* Constructed an Automated Trading System with 3D Printing, Microcontrollers, and Neural Network (basic AI).

**Electrical Engineering Study Abroad**, Recife, Brazil Summer 2016

* Interacted with Brazilian students while studying Electrical Engineering courses at the Universidad de Pernambuco.
* Immersed in the Brazilian culture by participating in technical and cultural visits.

**Aggie Research Scholar**, College Station, TX Spring 2016

* 1st Place Award for Best Oral Presentation at Student Research Week out of all engineers and architects.
* Constructing a 3D printed model that conveys the application of Electron Beam Technology.

**Business Management Certificate Program**, College Station, TX Spring 2016

* 2nd Place Award for best, feasible presentation on the business strategy of a self-diagnosis medical device.

**Shell Eco-Marathon 2012 and 2013,** Houston, TX August 2011 – April 2013

* Team constructed an electric-motor bamboo vehicle and won 1st place for best eco-design twice.

**Halliburton,** Houston, TX Summer 2012

Extern in the Business Development and Marketing Department

* Explored the interaction between technology and business in the energy industry.

**Leadership**

**President,** Institute of Electrical and Electronics Engineers,College Station, TX May 2016 – May 2017

* Oversee organization’s activities, develop chapter goals, and delegate tasks.

**President,** Society of Asian Scientists and Engineers,College Station, TX May 2015 – May 2016

* Tripled in paid membership size, doubled in organization funding, creation of two committees.
* Recognized as “Most Influential Chapter of the South Region”, and “Organization of the Year”.

**Engineering Success Program Peer Mentor,** Access & Inclusion Program, College Station, TX May 2016 – May 2017

* Mentor for first-generation college student scholars who are pursuing a degree in engineering.

**Project Manager,** Texas A&M University Robotics Team and Leadership Experience**,** College Station, TX April 2015 – May 2016

* Engaged in challenging projects that showcase creativity, talent, teamwork, leadership and innovation.

**Eastman Ambassador Leadership Forum**, Kingsport, Tennessee Summer 2015

* Discovered strengths to be a catalytic leader and networked with student leaders around the nation.

**BP Discovery Days,** BP,Houston, TX Summer 2014/Fall 2014

* Recognized the importance of leadership and diversity in the workplace.

**Work Experience**

**Japanese Language Leader,** Bush School of Government and Public Service,College Station, TX October 2013 – Present

* Establish language fluency by leading Japanese discussions with students looking to work in Japan.

**Activities**

**Member,** Eta Kappa Nu IEEE Honor Society, College Station, TX May 2015 – Present

**Aggies Invent 3D Printing in Space**, College Station, TX August 2015

* Developed and presented a solution to reducing Foreign Object Debris in the International Space Station.

**Skills**

PSPICE, SolidWorks, Autodesk Inventor, MATLAB, C++, Java, LabVIEW, Microsoft Word/PowerPoint/Excel, Google Doc/Spreadsheet/Forms, Microstation, ProjectWise, Lifeguarding/First Aid/CRP/AED Certification, Fluent in Japanese

Business Management Certificate, International Engineering Certificate, Energy Engineering Certificate (in progress)