

---

## EDUCATION

**Texas A&M University**

Bachelor of Science in Computer Engineering

Major GPA: 3.509 Cumulative GPA: 3.25

Graduation: December 2017

---

## EXPERIENCE

**Phillips 66 – Application Services – Operational Development Intern**

May 2016 – Present

- Analyzed Blockchain technology and its potential applications to the business
- Rewrote and optimized a program which notifies employees when a managed account is nearing expiration
- Worked with the Lubricants R&D team to implement a customized application to submit oil and lubricant research information.
- Maintained applications in the corporate space to ensure operations continued as normal.

**Texas Instruments – Application Development Intern**

June 2016 – August 2016

- Designed and developed an application which allowed manufacturing teams to manage the scheduling of high-priority products in the semiconductor fabrication process
- Built an application which enabled users to move files between machines in different fabrication plants

---

## SKILLS

Programming (Proficient) C++, C#, Swift, Java, JavaScript (AngularJS, Node.js, jQuery, and more)

Programming (Familiar) PERL, PHP, Python, Ruby, Prolog, Typescript, Objective-C, Xamarin

Languages (Fluent) Spanish, English

---

## PROJECTS

(more at [inakirosa.com](http://inakirosa.com))

- Developing a mobile application for the Texas A&M Engineering Career Fair (in progress)  
*App Store Beta Version:* <https://itunes.apple.com/us/app/sec-career-fair/id1195384362?mt=8>
- Built a Neural Network to predict choices users make when given two buttons to pick from (~70% accuracy)
- Created a hearing impairment assistive device that sends vibrations to the user in the direction of potentially dangerous sounds in the immediate environment
- Built a Robot that uses Lidar scanning technology to map its environment in two-dimensions while in motion

---

## LEADERSHIP & ACTIVITIES

**Student Engineers' Council – Past Executive Council, Past Systems Administration Chair**

August 2014 – Present

- Manage and keep all the websites hosted by the Student Engineers' Council up to date  
*Examples:* [careerfair.sec.tamu.edu](http://careerfair.sec.tamu.edu), [sec.tamu.edu](http://sec.tamu.edu)
- Transitioned all SEC websites to Amazon Web Services
- Took over management of our Career Fair website from a third party company
- Taught committee members with no coding experience how to create websites with backend communication  
*Committee Member Examples:* [trec.tamu.edu](http://trec.tamu.edu), [eday.tamu.edu](http://eday.tamu.edu), [eweek.tamu.edu](http://eweek.tamu.edu)
- Worked with the IT staff at A&M to implement new technologies in the Engineering College, such as beacons in the Career Fair
- Managed the following events: Engineering Career Fair, Texas A&M Regional Engineering Conference, Spark conference, and more

---

## AWARDS

- "Best of the Best" Award for implementing space simulation web game using JavaScript libraries
- SEC Member of the Year Award • SEC Outstanding Member Scholarship • Dean's List • HSF Scholar