Iñaki Rosa

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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 2017 – August 2017*
- 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 data.
- 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#, Java, Swift, JavaScript (AngularJS, Node.js, jQuery, and more)
Programming (Familiar)   PERL, PHP, Python, Ruby, Prolog, Typescript, Objective-C, Xamarin, C
Languages (Fluent)   Spanish, English

PROJECTS   (more at inakirosa.com)

- Developed a mobile application for the Texas A&M Engineering Career Fair
  App Store Link: 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, sec.tamu.edu, registration.sec.tamu.edu
- Transitioned all SEC websites to be hosted on 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, eday.tamu.edu, 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