Juan\_Cortez@utexas.edu **Juan Cortez**  13007 E Gibson Rd U138

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**Education: Bachelor of Science, Electrical & Computer Engineering, December 2015**

**The University of Texas at Austin** **Major Technical Core:** Software Engineering

**Experience:** **Software Engineer, Microsoft (6/17-Present)**

* Architected a new Profile section with React Native and Redux that features ways to collaborate with people in your network using Microsoft Artificial Intelligence
* Utilized node workers to reduce project build times from 30 minutes to 6 minutes, a 133% decrease
* Developed a customer onboarding React web experience on all Microsoft Office applications which led to a 1.58% lift in monthly annual revenue home renewal rate
* Assisted in converting the Windows application, Small Basic, to an online Graphical User Interface that compiles and runs the Small Basic programming language on any modern web browser

**Staff Software Engineer, IBM (12/15-6/17)**

* Developed a message templating engine for chat bots, such as Slack, Alexa, and Facebook Messenger
* Created Software Developer Kit to enable bot development on Open Whisks serverless technology
* Assisted in developing an Angular2 application, which allows users to manage and create bots
* Added the ability to manage conversations with a UI that performs CRUD operations against Cloudant
* Utilized Swagger Docs to create a simplified no code experience for non-developers
* Developed a new UI for a Conversational Commerce app which decreased website loading by 36%
* Employed WebRTC’s real-time communication capabilities to develop a peer-to-peer video/chat app

**Internships: Software Engineering Intern, IBM (5/15-12/15)**

* Designed front end web service of RESTful server application using HTML5, JavaScript, and Scala
* Utilized the Play frameworks MVC pattern to dynamically display data retrieved from Spark kernel

**Software Engineering Intern, Toshiba (1/15-5/15)**

* Developed a graphical user interface for an electronic operator (EOI) on a Google Chrome application
* Added keyboard and screen functionality to the EOI through the use of jQuery event handlers

**Silicon Validation Engineering Co-Op, Cirrus Logic (12/13-8/14)**

* Created Iron Python script on data analysis program for database management
* Built Audio Precision driver on LabVIEW to initialize and configure tools for measurement analysis

**Software Engineering Intern, Texas Instruments (5/13-8/13)**

* Collaborated with the TI Marketing business unit to record professional YouTube hosted videos
* Generated 600,000+ views on CircuitCo and eLinux wiki pages for BeagleBone

**Projects: Webmaster, Society of Hispanic Professional Engineers Austin Chapter** *http://us.austinshpe.org/*

* Developed a full-stack web application using Node.js, Express, Angular2, and Redis

**Beagle Matrix** *http://elinux.org/Beagleboard:16x16\_Beagle\_Matrix*

* Programmed an educational game using the Beagle Bone Black embedded microprocessor

**Skills: Programming Languages:** JavaScript, Java, C, C++, C#, Unix/Linux, Scala, Python, Assembly, MySQL

**Web Technologies:** Node.js, TypeScript, React, React Native, Redux, Angular2, Gulp, Webpack, jQuery

**Software Tools:**  Docker, LabVIEW, MATLAB, Eclipse, IntelliJ, Sublime, Visual Studio, Spotfire

**Foreign Languages:** Fluent in Spanish speaking and writing

**Leadership: Awards:**

Camp Counselor, Camp Microsoft (2018) Future Leader of SHPE Award Finalist (2015)

Program Officer, Student Engineers Educating Kids (2015) DiscoverE, New Faces of Engineering Award (2015)

Pre-College Initiative Chair, Pi Sigma Pi (2014) EOE, Academic Leaders Hall of Fame Recipient (2014)

Student Cluster Leader, LeaderShape-Texas (2014) SHPE, Officer of the Year Award (2012-2013)

Secretary, Society of Hispanic Professional Engineers (2013) SEEK, Outstanding Mentor (2014)

Kappa Kappa Psi, Longhorn Marching Band (2010-2013) Google and Microsoft Scholarship Recipient (2013-2014)