

## EDUCATION

---

**The University of Texas at Austin**, Austin, Texas

December 2016

**Bachelor of Science, Computer Science**

**Bachelor of Arts, Economics**

**Relevant Coursework:** Mobile App Development, Algorithms, Computer Systems, Data Management, Data Structures, Econometrics, Industrial Organization and Network Economics, Microeconomic Theory, Macroeconomic Theory, Statistics

**Honors/Awards:**

Mexican International Advisory Scholarship, *The University of Texas at Austin*, August 2013 – December 2017

Sponsors for Educational Opportunity, Career Program Trainee, *New York Offices*, May 2016

## TECHNICAL SKILLS

---

- Proficient in Perl, SQL, Java, HTML5, CSS3, JavaScript, jQuery
- Programmed with Python, Android Dev

## PROFESSIONAL EXPERIENCES

---

**IBM**, Austin, TX

January 2017 - Present

*Software Developer*

- Enhance and develop a front end for access to Global Storage Architecture (GSA) shared filesystem service through the GSA RESTful interface using frameworks such as HTML, CSS, JavaScript and jQuery
- Develop full cycle software using Object Oriented Perl, shell development in Unix and Common Gateway Interface (CGI) modules along with Web Development practices such as JavaScript libraries and Bootstrap frameworks for back-end and front-end purposes
- Maintain innovative web tools using a combination of object oriented programming, web development, and AJAX on a Unix AIX server, accessing an LDAP based data storage system
- Develop associated command line tools and participate in the development of the web tool by using Java Swing front end
- Write automated test cases for the Global Storage Architecture (GSA) web tool using the Eclipse Selenium tool in Java
- Use a centralized software versioning and revision control system called Apache Subversion (SVN) for managing the GSA web tool software code base
- Manage and maintain the operating system configuration and system administration by using the interactive System Management Interface Tool (SMIT) bundled with AIX

**IBM**, Austin, TX

May 2016 - December 2016

*Information Technology, Co-op*

- Enhanced the new client access tools for GSA with new frameworks and features
- Provided support, shape and redefine Service Delivery processes, ensuring consistency for IBM clients
- Tested and maintained software products to ensure strong functionality and optimization

*Information Technology, Intern*

- Designed and develop a completely new client access tool for *GSA* (Global Storage Architecture)
- Released the tool as a beta version at the IBM Research Beta Sites
- Developed a prototype web 2.0 compliant front end for access to GSA through the GSA RESTful interface using frameworks such as HTML, CSS, JavaScript and jQuery

**ZELLO INC.**, Austin, TX

August 2014 - December 2014

*Software Developer, Intern*

- Integrated QR-code scanner/generator capability into Zello's Android application using Java and Android Studio
- Researched, implemented and tested an array of public QR-code APIs to provide a recommendation to the Project Team Leader
- Coded the user interface of the QR-code scanner and redesigned portions of Zello's mobile application interface to incorporate the QR-code generation and download features

## SOFTWARE PROJECTS

---

**Key, Android App**

Fall 2017

*Android Developer*

- Developed an Android app in Android Studio that allows users to effortlessly share their 'online presence' with friends, colleagues and/or followers