

Shravan Jambukesan
Plano, TX
shravan@shravanj.com

Experience

Microsoft Kinect for Windows Development (May 2017 - present)

- Currently developing an application for strength training tracking using Microsoft Kinect for Windows at OrchestrateHR in Dallas, TX
- Utilizing LightBuzz's Vitruvius Kinect framework for a Windows C# application

App Development Contracting (February 2017 – present)

- Currently developing an app written in Xamarin Forms for AGR, LLC in Dallas, TX

Mobile App Development (June 2016 – August 2016)

- Developed an insurance ID card scanning app for Android and iOS while interning at OrchestrateHR in Dallas, TX
- Link for Android app on Google Play:
<https://play.google.com/store/apps/details?id=com.orchr.docscanner>
- Link for iOS app on the App Store: <https://appsto.re/us/7-2Ldb.i>

Web Development (February 2015 – present)

- Administered 2 websites (One static HTML and one Wordpress based)
- Worked with Apache HTTP server and MySQL running in Debian Linux
- Ran both sites concurrently from home using a Raspberry Pi
- Used CloudFlare, PHP-PAC, and various performance tweaks to maximize performance

Software Documentation/Setup (March 2015 – May 2015)

- Wrote a step-by-step guide titled “Hosted By Pi Guide” as part of a school project (<https://shravanj.com/hostedbypi>). It details how to setup and run your own website from home using a Raspberry Pi.
- Explained the basics of running a web server for beginners
- Wrote shell scripts for the automated setup of Apache HTTP server as well as package updates
- Wrote comments on popular free and redistributable HTML templates that help newcomers understand the basics of HTML code
- Developed a build system (<https://build.shravanj.com>) that allows committing of updates to the guide, shell scripts, and HTML templates on GitHub and have the changes synced with the downloadable zip file on my personal website

Linux Administration (Summer 2014 – present)

- Worked with various Linux distributions including Debian, Fedora, and different flavors of Ubuntu

- Understanding of basic Linux concepts such as file system hierarchy, package management, utilization of cron jobs for backups, and shell scripting
- Experience with headless (console-only) systems such as a Raspberry Pi server

Minor iOS & OS X Development (March 2014 – June 2014)

- Minor work with iOS and OS X through simple programs with WebView
- Understanding of the basics of Xcode

C++/C Programming (August 2016 – present)

- Learned C++/C concepts in Computer Science I
- Worked with pointers, files, data structures, sorting and searching algorithms, etc

Java Programming (November 2013 – present)

- Wrote an Android application in Java for a science fair project testing the effects of using NFC (Near Field Communication) services on Android device performance
- Wrote various programs for labs as part of my junior year AP Computer Science and senior year Honors Computer Science 3 courses

Education

- Plano West Senior High School (2016)
- The University of Texas at Dallas – B.S in Computer Science with minor in Accounting (expected 2020)

Activities

- National Honor Society (2013 – 2016)
- Shepton & Plano West Quizbowl Teams (2013 – 2015)
- Plano West Computer Club (2015 - 2016)

Awards

- 3rd Place Special Award at the 2014 Dallas Regional Science and Engineering Fair – Awarded by Rockwell Collins for the Computer Science project “The Effect of Near Field Communication on Android Device Performance”

Skills

- Java Development (Android and Desktop)
- Linux Administration
- Xamarin for iOS
- Xamarin Forms
- iOS and Android app deployment
- Shell Scripting
- Networking using SOAP and XML
- LEGO MINDSTORMS Development
- Software Documentation and Design

- User Interface Design (iOS and Android)
- Git

Volunteering

- 100+ hours volunteering for the Preston Lakes Home Owner's Association from 2011-2016
- 20+ hours volunteering for Seven Loaves Food Pantry in Plano, TX

References

- Evelyn Fox – head of volunteering of the Preston Lakes HOA
Efox38@aol.com
- Ajit Prasannan – Network administrator I worked with during my internship at OrchestrateHR
ajit@orchr.com