

+1 682-223-4550 | pxg142030@utdallas.edu**OBJECTIVE**

A skilled and passionate individual with experience in mobile and web application development, as well as knowledge in data sciences and user interface design, seeking an internship for Summer and/or Fall 2015.

EDUCATION

Master of Science in Computer Science. GPA: 4.00/4

Expected May 2016

The University of Texas at Dallas, Richardson, Texas

· Coursework in User Interface design and Mobile application development, Machine learning, Web programming, Database design(ongoing), Object Oriented Analysis and Design(ongoing)

Bachelor of Engineering in Computer Science and Engineering. GPA: 7.68/10

May 2014

Anna University, Chennai, India

EXPERIENCE

Intern, Blisslogix Technology Solutions Pvt Ltd, Chennai, India

Jun 2013 – Jul 2013

· Completed training in Android application development
· Developed a cross-platform 2-D game using Lua and Corona SDK; served as sound designer for a game
· Designed interface components for android applications; conducted user experience surveys

COMPUTER SKILLS

Languages : Java, SQL, PL/SQL, Lua, C++, C
Web : HTML, CSS, JavaScript, AJAX, RESTful web services, PHP, jQuery, JSP, Java servlets, XML, JSON
DBMS : MySQL, Microsoft Access, Oracle
Tools : Eclipse, NetBeans, Android Studio, Macromedia Dreamweaver, Corona SDK, WAMP Server
Platforms : Microsoft Windows XP/7/8, Android, Android Wear, Ubuntu, Fedora

PROJECTS

- **Android app for remotely monitoring sensor data (Non-academic)** (in progress)
Developing a mobile app that allows users to remotely monitor critical sensor data and automatically broadcasts warnings to registered mobile devices when anomalies occur. It uses **Google Cloud Messaging** service for broadcasts.
- **iFly airline ticketing website** **Fall 2014**
Implemented a comprehensive system used to search flights based on origin, destination, seating class, etc., and book tickets. It uses **HTML, CSS, JavaScript, jQuery, AJAX, PHP** and **MySQL**; tools: **WAMP server, Macromedia Dreamweaver**.
- **Barrel Race game** **Fall 2014**
Created an android app that simulates horse barrel race on Android, with primary focus on providing an efficient interface. It uses accelerometer for control.
- **Contact manager for Android and Desktop** **Fall 2014**
Developed an easy to use personal contact manager for Android that allows users to add, remove and modify contacts. The desktop version is comprehensive and laid out in a single unambiguous window; programmed in **Java** with **JavaFX** for user interface design.
- **Implementation of Machine Learning algorithms** **Fall 2014**
Implemented **k-nearest neighbors algorithm, binary AdaBoosting** and **real AdaBoosting** in **Java**; evaluated their performance using **cross validation**; a program to determine salary range of employees using **Naïve Bayesian classification**.
- **SlideSynth musical synthesizer for Android (Non-academic)** **Feb 2014**
It provides a very simple and unique interface that allows users to play glides between musical notes using finger gestures. It uses a multi-threaded algorithm with run-time PCM sampling and includes a pitch quantize feature to prevent the user from playing wrong notes.
- **Video surveillance system** **Dec 2013**
Implemented a video surveillance system that uses motion detection to provide immediate warnings to security breaches through SMS. It uses **DECOLOR** algorithm for dynamically creating a background model for motion detection. Implemented using **Java** and **Java Media Framework**.

- Visit www.utdallas.edu/~prashanth.govindaraj for screenshots and demonstrations.

EXTRA-CURRICULAR ACTIVITIES

- Volunteered as computer programming tutor from January 2014 to May 2014
- Served as Head of promotions and multimedia design for Kratos 2014(a national level technical symposium)
- Composed and performed music for various short films and events
- Organized and participated in various charitable events as a member of Rotaract club of Easwari Engineering College, India

WORK AUTHORIZATION**AVAILABILITY**

F-1 VISA

Summer 2015, Fall 2015