

# SUDHARSANAN MURALIDHARAN

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## Objective:

To seek Internship opportunities for Summer 2015 in the field of Computer Science.

## Technical Skills:

- Programming Languages: C, C++, Java, Ruby
- Server Side Technologies: Ruby on Rails, Java EE, Hibernate, Struts2
- Front-end Web Technologies: HTML5, CSS3, SCSS, JavaScript, CoffeeScript, JQuery, AJAX, Bootstrap 3, Ember.js
- Servers: Apache, Tomcat, Nginx
- Development Tools: Eclipse, Android Studio, Visual Studio 2013
- Database: MySQL, PostgreSQL, Oracle SQL
- Mobile Platforms: Android, JQuery Mobile, PhoneGap
- Version Control: Git, SVN

## Education:

### Master of Science in Computer Science

The University of Texas at Dallas, Richardson, Texas

Expected May 2016

GPA: 3.113

### Bachelor of Technology in Computer Science

SASTRA University, India

June 2013

Aggregate: 83%

## Work Experience:

### Assistant Systems Engineer Trainee, Tata Consultancy Services

August 2013 – May 2014

- **News Application:** Developed a News Reader **Android** application for United Airlines while working under Mobility division of Tata Consultancy Services.

### Software Development Intern, Tata Consultancy Services

January 2013 – March 2013

- **Retail Store Mobile Application:** Built an e-commerce Mobile application using **PhoneGap**. The various technologies used were **HTML5**, **JQuery**, **JQuery Mobile** and **CSS3**.

## Academic & Individual Projects:

- **Barrel Race Android Game**  
Developed a game for **Android** as a part of User Interface & Mobile Development course at University of Texas at Dallas. The application uses **Motion Sensors** in the phone to control the game.
- **Evaluation of Video Processing Application on Multicore Systems**  
Evaluated the performance of various deadline driven real-time schedulers on multicore systems.
- **Twitter Clone**  
Implemented an Open Source clone of Twitter using **Ruby on Rails** framework. The application uses Twitter **Bootstrap 3** as Front-end framework and **PostgreSQL** for Database.
- **Class Scheduler**  
Created a web application to resolve conflicts in schedule during Course selection. The application was developed using **Java EE**, **Struts2**, **Hibernate** and **MySQL**.
- **Fitness Tracker Android Application**  
Developed a Fitness tracker application for **Android**. The application acts as a pocket dietician by tracking the user's calorie intake and expenditure and giving suggestions to stay fit.

## Honors & Awards:

- Runner up in Mobeel, a National level mobile application contest, conducted by Tata Consultancy Services in May 2012.