Sukanya Panda

10075 Park Meadows Dr., Apt 304, Lone Tree CO 80124

(864)908-9035   spanda7@asu.edu   github.com/sukanya92   linkedin.com/in/sukanya-panda/

Objective

A Computer Science graduate student and experienced Software Engineer with proven work history in software development in Java, C#, Business Intelligence, holding active interest in UX Research, Mobile development and QA automation is looking for summer internship.

Education

Master's in Computer Science, Arizona State University, Tempe, AZ, USA   GPA 3.44   *Aug 2017 – May 2019 (Expected)*
Bachelor of Technology in Information Technology, CET Bhubaneswar, India   GPA 3.76   *Aug 2009 – Jun 2013*

Technical Skills

Programming language: Java, C#, JavaScript, Shell Script
OS: Unix, Linux, Windows, iOS and Android
Tools and Technology: SQL, ASP.net, Ab Initio, Informatica, BRE, Control-M, Mobile development in Android, TestNG, Junit, Selenium, Appium, HTML, CSS, REST, Git, Jenkins
Skills: UX Research, Usability testing, Persona, Qualitative and quantitative research methods, Card sorting, UX Design, Information architecture

Academic Projects

News Focus, A service-based web application (C#**,** WCF, JSON, XML**)**   *Oct 2017 – Nov 2017*
Created a web application with submodules performing data analysis to provide valuable information like top 10 trending news, top 10 words of a website, crime index of a place and top 10 news on a specific topic. In all the submodules, a large set of data is retrieved from a web service and presented on my web application after proper data filtering and through statistical analysis.

Auto Dealership Application (C#, Multithreading, Lock, Semaphore**)**   *Aug 2017 – Sep 2017*
Created an integrated console-based application to coordinate the demand from auto dealers and supply from auto manufacturing plants. This was an event-based application and uses a multi cell buffer to allow multiple dealers to access the buffer simultaneously. Different types of mechanism such as Lock, Semaphore, ManualSetevent, AutoResetEvent are used to enforce synchronization for multi cell buffer read/write.

Health Monitor (Java, Android**)**   *Dec 2018 – Feb 2018*
Created an Android application which renders the patient ECG data in the form of a continuously running graph. Initially accelerometer data is fetched and stored in SQLite DB. The data was uploaded to a server and displayed on demand after downloading. The application has features to pause and resume the running of the graph.

Relevant Work Experience

TATA Consultancy Services Limited, Bhubaneswar, India [Systems Engineer**]**   *Sep 2013 – Nov 2016*
Customer Loyalty Application (Appium, Selenium, Jenkins, Java**)**   *Oct 2015 – Nov 2016*
This is the flagship loyalty application of a top US retailer. I was responsible for development and maintenance of test automation script using Appium and Selenium. I was also taking care of the Page Object driven framework enhancement. Jenkins was used to implement CD/CI across the project.

Local Regulatory Reporting (Australia Region) (Ab Initio 3.0.1, BRE, Putty, Control-M, Oracle, UNIX**)**   *Sep 2013 – Sep 2015*
The Local Regulatory Reporting(LRR) is framework of a top US Bank which has been implemented across several countries in Asia Pacific region. LRR program is a system, producing information which is reported for regulatory purposes. I was an Ab Initio programmer, developed graphs and scheduled jobs using Control-M and ran in UNIX backend.

Certification/ Honors/ Extra-curricular Activity

- **LinkedIn certification** in *UX Foundations Research*, *UX Research Methods: Interviewing, Card Sorting*, *Design thinking: Understanding and Implementing the process*
- **CET Merit Scholarship** (Academic Year: 2009-10, 2010-11, 2011-12, 2012-13).
- Volunteered with **American Red Cross**, Austin Chapter and **Colorado River Alliance**, Austin