Priyanka Tayade

priyanka.tayadeb@gmail.com | (315)416 0205 | http://priyankatayade.github.io/

OBJECTIVE

Seeking full time position in computer science field.

EDUCATION

SANTA CLARA UNIVERSITY
Masters in Computer Science
Expected Jun 2015 | Santa Clara, CA
Cum. GPA:3.3

UNIVERSITY OF MUMBAI
BE in Electronics Engineering
May 2012 | Mumbai, India

SKILLS

PROGRAMMING
Good to Excellent
• Java • C# • C++ • PHP
• MySql • JavaScript• XML• AJAX
Moderate
• C
Beginner
•Scala • Python
Tools
• Qt.play • Eclipse • GDB
• Visual Studio •

COURSEWORK

GRADUATE
Advanced Algorithms
Object Oriented Programming Paradigm
Big Data
Secure Coding in C and C++ (Linux)
Mathematical basis for computing
Network Technology

UNDERGRADUATE
Embedded Systems
Wave Theory
Robotics
Image Processing
Linear IC design
VLSI
Analog and Digital Communication
Control Systems

LINKS

Github:// **PriyankaTayade**
LinkedIn:// **priyankatayade**

EXPERIENCE

SANTA CLARA UNIVERSITY | Research Assistant
July 2014 – Present | Santa Clara, CA
Mobile Mesh Network
- Ad-Hoc network using Raspberry pi and android platform.
- Implementation of OLSR protocol for packet routing in the network.
- Implementation of Access Link list in the network.

Andriod and Qt App
- Built mobile applications (Number Game and unit convertor in Play store) Qt(C++) and ported it to android. Desktop Application for managing music files and sharing using TCP/IP Protocol using QtNetwork module.

Developed and Published a website using Bootstrap CSS

IRIS BUSINESS SERVICES INDIA PVT LTD | Web Developer
September 2012 – May 2013| Mumbai, India
RMS: Resource Management System (Payroll System)
- A system where you can maintain records of employees ,payroll ,reporting persons and also records of project recourses such as documentation , allocated resources etc.
- We have worked on both frontend and backend .It is developed using php, AJAX, jQuery, Javascript, Oracle Database.

Workflow Management System
- This is designed for XBRL Filing team which worked for Merrill in USA. System designed to manage work flow of project and project resources.
- Work involved designing and deploying MySQL Database, writing SQL procedures and developing and deploying the project on live server.

PROJECTS

REMOTE FILE REPOSITORY SYSTEM
This is implemented using C# ,WPF,WCF.The project was developed in stages by first developing an Operational Concept Document for each stage.Ownership, file dependency, Categories and metadata for search operation were few of the services provided to the client.

INTERNET OF THINGS (IN SCALA USING PLAY FRAMEWORK)
Built an open source standard API that identifies each device uniquely and registers them to the server. Acts as a medium though which registered device will communicate with the server or with each other. Devices can be mobile app or any dumb terminal, type of service will depend on the device.

SUPERVISORY CONTROL AND DATA ACQUISITION
Embedded system consisting of communication unit, processing central unit(8086) and remote sensors (temperature, moisture, smoke and light sensors).Data was monitored and displayed GUI (VB using C#).

ECO RECYCLE SYSTEM
Multi layered OO application in Java,Implemented UI using Java Swing Package using different layouts, used observer pattern for notification,Used MySQL database.

K MEANS CLUSTERING ALGORITHM ON HADOOP VS. WEKA.

SUFFIX TREE ALGORITHM ANALYSIS REPORT

PAGERANK ALGORITHM FOR DYNAMIC GRAPH