ASHWIN CHANDRASEKHAR

5350 Amesbury Drive Apt 1305, Dallas, TX-75206 · 469-601-8493 · fashwinchand@smu.edu
·Website: **http://goo.gl/g5aZuL**

EDUCATION

Southern Methodist University, Dallas, TX   **August 2013 - December 2015**
Master's in Computer Science, GPA: 3.48

University of Mumbai, Mumbai, Maharashtra   **August 2009 – May 2013**
Bachelor's in Computer Engineering, GPA: 3.50

TECHNICAL SKILLS

Programming/ Languages: HTML, CSS/HTML 5, PHP, SQL Server, AJAX, XML, JAVA, J2EE, C/C++, Python.
Software Knowledge: WordPress, JIRA, GIT, Processing, Dreamweaver, ColdFusion.
Systems: Linux, UNIX (Solaris), Windows, MacOS.
Relevant Courses: Operating systems and Advanced Operating systems, Algorithm Engineering, Database Management, Computer Architecture, User Interface Design, Software Architecture and Design

WORK EXPERIENCE

Fitness2Order, Ridgewood Avenue, NJ   **May 2014 – August 2014**
Web Developer Intern

- Created an order panel using WordPress for restaurants to accept, confirm and complete orders utilizing AJAX, PHP/HTML, CSS, JSON and JQuery. I used MYSQL for backend.
- Analyze the unconfirmed and confirmed orders from gateway admin.
- Files in the repository were all accessed using Linux commands from the terminal and macros for calling the server domain.
- Created an order panel which displays the delivery type, Payment info, Order total for each order placed.
- Used JIRA for Agile development, BitBucket to store the repository and GIT to push the code to the repository.

ACADEMIC PROJECTS

MASTER'S PROJECTS:

Creating a Kernel, Shell and a Symbol-less Assembler:

- Created a kernel in Linux mint using VirtualBox which can execute the type, read and execute command.
- Tested the kernel written in high level language like C and assembly language using BOCHS.

Wireless Sensor Networks:

- Implemented an algorithm for determining a coloring, terminal clique, and a selection of bipartite subgraphs that are produced by an algorithm for graph coloring in a random geometric Graph (RGG). These results model a wireless sensor network (WSN) with each bipartite subgraph providing a communication backbone.

ENGINEERING PROJECTS/LIVE PROJECTS:

Web-based Library Management System Project:

- Project was a web based library management system for our college. Languages used for this project were PHP, CSS and MySQL.
- I designed the code for the project which is used for issue and return of books from the library.

Online Gym Portal:

- Project was for a local gym, where I developed a portal which registers new customers for the gym and also issues a customer ID. Languages used for this project were PHP, CSS, AJAX and MySQL for backend.
- This portal also gives diet information to the customers based on their workout.

For code samples and detailed explanation of the projects please visit my website **http://goo.gl/g5aZuL**