Kiran Bhat Gopalakrishna

Summer-Internship Aspirant (F1-Student Visa Holder)

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OBJECTIVE   Seeking a challenging opportunity to apply acquired coding skills in the emerging fields of Computer technology.

EDUCATION   **The University Of Texas at Dallas, Richardson, TX**

Masters in Computer Science(Data Science track)   **Expected Year Of Graduation:2016**

GPA: 3.78/4

PES Institute Of Technology South Campus, Bangalore, India

Bachelors in Information Science & Engineering

Percentage:75%   **Date Of Graduation: July 2011**

WORK   **Hewlett Packard Research & Development - Bangalore, India**

EXPERIENCE   Software Engineer, Printing & Personal Systems Group   **(Aug 11 – Jul 14)**

- Implemented new features in printers as per the enterprise customer requests. The requests range from complete design of a new feature or building up of an existing stack to removing certain features in the printer.
- Addressed Requests of Password management, Black-only printing, and web connected printers' administration, cloud printing, among others using data structures and algorithms in C/C++ in different components of printers.
- Developed a tool which automates the release of firmware using Python. The tool is responsible for signing, creating web manifests and other binary files used to flash into the printer and saves 4 hours for one Firmware release. 10 Firmware releases are done for a project and this saves around 40 hours of an engineer's work.

ENGINEERING   Programming Languages: Java, C++, C, Shell Script, Python,

SKILLS   Operating Systems & IDEs: Linux, Windows; Greenhill's Multi, Eclipse

Web & Database: HTML, CSS, XML, RDF, JavaScript, JQuery, Bootstrap, Ajax; Mysql

Version Control Systems: GIT, SVN

ACADEMIC   **Event-Mania website based on Service Oriented Architecture.**   (Nov 2014)

PROJECTS   (https://github.com/kiranbg123/Event_mania_soa)

Web   - Ideated and implemented a web site for managing intra-college events such as event registration, cancellation, event view and admin privileges to name a few.

Development   - Based on traffic handling using load balancer, distributed caching using memcached, https connection, response compression, ORM data model, OAuth 2.0, RESTful web services.

- Technology Enablers: Play framework 1.2.7, Java, Jquery, Js, Ajax, MySql, ORM, Groovy, Botstrap, SSL/TLS, Apache 2.2.

Analysis of Services in US Veteran Hospitals   (Nov 2014)

Semantic Web   (https://github.com/kiranbg123/semantic_web_analysis_rdfData)

- Based closely on the Open Government Data provided information, this mashup geo map is designed to analyze hospital parameters like staff distribution.
- Technology Enablers: Sparql queries, RDF data sets, Google Visualization API, Jquery