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ANUSHA VATTAM

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OBJECTIVE: Software intern, former Teaching Assistant seeking software engineer position in computer science field for Spring/Summer 2018. Primary interests in Cloud computing, Big data, Web development.

EDUCATION:

Master of Science in Computer Science

May 2018

Texas State University, San Marcos, TX

GPA 3.41

Bachelor of Technology in Electronics & Communications Engineering

June 2012

Jawaharlal Nehru Technological University, Hyderabad, India

GPA 3.70

TECHNICAL SKILLS:

- **Languages:** C++, Java, C, Structured Query language(SQL)
- **Markup & Style sheet Languages:** HTML, CSS, JavaScript, JQuery
- **Scripting Languages:** Perl, Python, Unix Shell, PHP
- **Tools:** PyCharm, Wamp, Xamp, Brackets, Sublime text, ETL tools, Informatica, MySQL Workbench, Weka, Solr, Toad, PhpMyAdmin, Database, Eclipse, Code Blocks, vim, WinSCP, PuTTY, Dev C++ and Microsoft Suite, Git, JIRA.
- **Databases:** Oracle 11g, SQL Server, **Operating Systems:** Windows, Linux, and MAC.

WORK EXPERIENCE:

- **Software Intern at Incenergy, Austin, TX** **Aug- Nov 2017**
ZCL Gateway Project:
 - ✓ Worked with IoT Software for energy management system.
 - ✓ Implement new tools to accelerate average quality assurance turn-around time by 20% or more
 - ✓ Developed and used Python applications for automated testing.**Skills: Python, JIRA, TestRail, IoT, Gateways, Bitbucket, Git, Linux, Raspberry-Pi, C, AWS, IOT**
- **Teaching Assistant, Texas State University, San Marcos, TX** **Jan 2018- May 2018, Jan 2017- Aug 2017**
- **Graduate Instructional Assistant, Texas State University, San Marcos, TX** **Aug 2016-Jan 2017**
Teaching labs, maintaining and assisting professor in grading student's papers and tutoring.
Skills: C++, HTML, Digital Logics, Foundations of Computer science I, Foundations of Computer science II
- **Associate Analyst, Deloitte Support Services India Private Ltd (2 Years 3 Months)** **July 2012- July 2015**
Worked on Audit system2, Deloitte Online, E-dreams which is an internal audit software, consists of software package which supports template content and guidance in use throughout Deloitte.
Skills: ETL, Informatica, AS2, Internal Audit tools, Management skills.

PROJECTS:

- **Search Engine [Data Mining]:** Designed and implemented a local search and customized search using Solr /elastic search on lyrics database.
- **Expert Medical system for Diagnosis and Treatment [Advanced Artificial Intelligence]**
Designed and implemented an intelligent computer expert system for an emergency room to diagnose toxic poisons and to recommend the treatment based on the diagnosis for course. Technology: **C++**
- **The Relational Database Design/Modelling [Database Theory and Design]:** A unique "Travel works" database system was designed, developed and tested. SQL is used in fetching the details to the travel agents. Database: **Oracle, PHPMYADMIN**
- **Book keeping website [Survey of Software Engineering]:** Designed and implemented an end user website to record transactional book keeping details of any stores/ departments. Technology: **HTML, PHP**
- **Comparison of Classification Algorithms: [Data Mining]** Used Weka Explorer to generate decision trees using 10-fold cross-validation with the help of C4.5 and Random algorithm on different datasets

ACHIEVEMENTS:

- Received excellence award in Deloitte for outstanding contribution to the organization.
- Received Graduate Academic Award from Texas State University.

Availability: Spring/Summer 2018