

ANIL SUNKE

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EDUCATION

The Ohio State University, Columbus, OH

M.S. in Computer Science

May 2014 (expected)

Anna University, Chennai, India

B.E. in Computer Science and Engineering

May 2011

TECHNICAL SKILLS

Coursework: Algorithms, Advanced Database Management Systems, Advanced Networking, Computer Architecture, Data Mining, Operating Systems, Programming Languages

Programming languages:

Proficient: C++, Python, JavaScript, HTML, CSS, PHP, SVN, Drupal

Familiar with: C, C#, Java, SQL, COBOL, MySQL, AJAX, Perl, JCL, DB2, CICS, VSAM, Easytrieve, SPUFI

JavaScript Libraries: Mustache.js, Bootstrap.js, Underscore.js, JQuery

Operating Systems: Windows, Mac, Linux

IDEs: NetBeans, Eclipse, VIM, Visual Studio

Software: IBM Rational Rose, IBM Rational Asset Analyzer, Microsoft Office Suite, Adobe Photoshop

Leadership: President of St. Joseph's Mathematics Club for 2 years

WORK EXPERIENCE

Ohio Supercomputer Center, Columbus, OH

Title: Graduate Research Associate

June 2013-December 2013

Job: Front-end & Back-end Developer

Skills: HTML, CSS, PHP, Python, JavaScript, SVN, Drupal, Perl, AJAX, mustache.js, bootstrap.js, underscore.js, JQuery

- Created and/or enhance webpages using above mentioned technologies
- Wrote scripts to perform various tasks like automating video conversion, changing pdf layout, etc
- Made visual enhancements to web pages
- Implemented a new Image control tool
- Assisted on research projects at OSC for NDEMC projects
- Assisted in creating training materials relating to OSC research projects

Cognizant Technology Solutions Pvt. Ltd., Chennai, Tamil Nadu, India

Title: Programmer Analyst Trainee

June 2011-April 2012

Job: Mainframe Developer

Skills: COBOL, JCL, DB2, CICS, VSAM, Easytrieve, SPUFI

- Created scripts to automate multiple steps in the analysis process
- Performance tuning of older programs
- Analyze previous gen code and created updated versions of the same
- Engineered a new method thereby reducing instruction typing time by 60%

PROJECTS

Visualization for DoubleCheck LLC

- Revamped DoubleCheck's outdated charting system with Sencha GXT's charts
- Implemented a new architecture to support code reusability
- Designed a new user interface to enhance aesthetic appeal of the web application

LISP Interpreter

- Designed an Interpreter for a modified version of LISP using C++
- Implemented various parts of an interpreter like tokenizing, building expression trees, analyze syntaxes, etc.

Network Protocol Design

- Constructed a protocol similar to TCP/IP using UDP
- Studied and engineered various layers of TCP/IP to emulate a TCP Daemon

Text Mining

- Mined 40,000 text documents to determine trends in news articles
- Used Python to create modules for data preprocessing, classification, clustering and association rules

REFERENCES

Thomas Bitterman – Senior Software Engineer at Ohio Supercomputer Center

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