**Anil Sunke**

106 West Dodridge Street Apt. A, Columbus, OH 43202

**E-mail**: [anilsunke@gmail.com](mailto:anilsunke@gmail.com) **Mobile**: 1-614-316-7016

**Profiles**

**LinkedIn:** http://www.linkedin.com/in/anilsunke

**Github:** https://github.com/anilsunke

**Codeeval:** https://www.codeeval.com/public/44906f40c682e69e3def4214adbffed2166af94e/

**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, HTML5, CSS, CSS3, PHP, SVN, Drupal, LESS

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

**JavaScript Libraries:** Mustache, Bootstrap, Underscore, 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, Adobe Flash

**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 and Back-end Developer

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

* Created and/or enhanced, secure and scalable web pages and UI using above mentioned technologies
* Wrote scripts to perform various tasks like automating video conversion, changing pdf layout, etc
* Made visual enhancements to web pages using open source libraries
* Designed web pages to implement a new Image control tool and prototyped a tool for video control
* Assisted on research projects at OSC for NDEMC 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 E-mail:[tbitter@osc.edu](mailto:tbitter@osc.edu)