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| 779 LAKEWOOD DR.  SUNNYVALE, CA - 94089 | | Kashyap Maduri  [www.kashyapmaduri.com](http://www.kashyapmaduri.com) | | | | (408)718-7813  maduri.1@osu.edu |
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| **Education** | | | | | | |
| **Stanford University, CA** | | | | | | Spring 2013 - present |
| SCPD student in *Foundations in computer science* certificate (Part-Time) | | | | | |  |
| **Coursework**: Computer Organization and Systems (CS 107) | | | | | |  |
| **Ohio State University** , Columbus, OH | | | | | | Fall 2010- Fall 2011 |
| M.S in Geo-Information Systems | | | | | | GPA: **3.8/4.0** |
| **Coursework**: Data Structures & Algorithms, Discrete Mathematical Models, Spatial Data Structures, Digital Mapping Systems, Computational Cartography | | | | | | |
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| **Birla Institute of Technology and Sciences (BITS) Pilani**, India | | | | | | Aug 2005 – June 2009 |
| B.E (Hons.) in Engineering | |  | | | | GPA: **7.33/ 10.0** |
| **Coursework**: Database Systems, Data Communications & Networking, Digital Mapping Systems, Image Processing, Computational Cartography | | | | | | |
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| **Skill Summary** | | | | | | |
| Languages: | Python , Java, C, Ruby, Visual Basic, MatLab, , Shell Script, TCL/Expect | | | | | |
| Tools: | gdb, vim, Git, SVN, Junit, EasyMock, Eclipse, gcc, rake, rspec | | | | | |
| Web Technologies: | MySQL, MS Access (models)  Javascript, HTML, CSS (view) | | | | | |
| **Employment** | |  | |  | | |
| **Software Engineer II** | | **Cisco Systems Inc.** | | | May 2012 - Present | |
| Product: *Unified Computing System (UCS) Server Manager* | | | | |  | |
| * Implemented regression results viewer using **Python** * Developed **python** scripts to test the application that manages multiple UCS test-beds * Configured the test-beds and tested multiple OSs (Windows, Linux) on the servers * Used Silk4J **Java** API for GUI Testing | | | | | | |
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| **Software Engineer** | | **Nationwide Insurance (ADC)** | | | Jan 2012 – April 2012 | |
| Product: *Single Underwriting Desktop Application* | | | | | | |
| * Developed a testing framework using Ruby for Test Driven Development of the application * Used Ruby libraries like Watir, Active Record, Celerity, cucumber, bundler * Coached new members on the team in the technologies used * Maintained the regression suite using tools like Hudson, Rake | | | | | | |
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| **GIS Intern** | | **National Consultancy for Planning and Engg** | | | | Jan 2009 – Jun 2009 |
| Project*: Design of water supply system using GIS (funded by Asian Development Bank)* | | | | | | |
| * Designed the system using MS Excel for flow calculation based on the elevation data * Developed a VB macro which helped reduce the project completion time by 20% * Developed python programs to convert the point data between different formats | | | | | | |
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| **Academic Projects** | | |  | | |  |
| * Implemented a heap allocator in C for CS 107 final project * Implemented an employee information system for Database Systems course | | | | | | |