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Education

Stanford University, CA	Spring 2013 - present
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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
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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

Birla Institute of Technology and Sciences (BITS) Pilani , India	Aug 2005 – June 2009
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B.E (Hons.) in Engineering

GPA: **7.33/ 10.0**

Coursework: Database Systems, Data Communications & Networking, Digital Mapping Systems, Image Processing, Computational Cartography

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
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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

Software Engineer	Nationwide Insurance (ADC)	Jan 2012 – April 2012
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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

GIS Intern	National Consultancy for Planning and Engg	Jan 2009 – Jun 2009
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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

Academic Projects

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- Implemented a heap allocator in C for CS 107 final project
 - Implemented an employee information system for Database Systems course