# Amber Jain's Résumé[1]

| CONTACT INFORMATION | 24-B, Siddharth Nagar<br>Behind Gurjar Hospital, Bhanwarkua<br>Indore (452001) MP, INDIA | (+91)8982732654<br>i.amber.jain@gmail.com<br>http://amberj.devio.us/ |
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**INTERESTS**    Computational Intelligence, Machine Learning, Unix-like systems, Social Network Analysis.

**EDUCATION**

- **Master of Computer Applications**    **CGPA: 7.48/10**
  International Institute of Professional Studies, Devi Ahilya University    July 2010 - June 2013
- **Networked Life**    **95.6%**
  Coursera    September - October 2012
- **Computing for Data Analysis**    **99% with Distinction**
  Coursera    September - October 2012
- **Writing in the Sciences**    **97.8% with Distinction**
  Coursera    September - November 2012
- **Learn to Program: The Fundamentals**    **77.8%**
  Coursera    September - November 2012
- **Introduction to Computer Science** (CS101)    **Highest Distinction**
  Udacity    February - April 2012
- **Machine Learning**    **77/80 (HW), 800/800 (Programming)**
  Coursera    October - December 2011
- **Introduction to Artificial Intelligence** (CS271)    **91.7%**
  Udacity    October - December 2011
- **Bachelor of Computer Applications**    **CGPA: 7.55/10**
  International Institute of Professional Studies, Devi Ahilya University    July 2007 - June 2010

**EMPLOYMENT/ ACTIVITIES**

- **Google Summer of Code 2012 Intern (OpenCog Foundation)**    May 2012 - August 2012
  OpenCog packages for Ubuntu (and other Unix-like systems) and Cygwin port.
- **Volunteer sysadmin and developer (Development Center, IIPS)**    September 2012 - now
  Volunteer system administrator and developer at e-governance center at IIPS, Devi Ahilya University.

**SKILLS**

- **Programming & Tools**:    Python, MATLAB/Octave, HTML, CSS, C, bash
- **Operating Systems**:    Unix-like (Ubuntu and Debian), Windows
- **Version Control Systems**:    Git, Mercurial, Bazaar and Subversion
- **Build tools**:    Cygwin, make, cmake
- **Cloud and Virtualization**:    Eucalyptus, VirtualBox

**PROJECTS**

- **ocpkg**: Scripts for packaging, deploying and managing OpenCog instances.
- **ubudeb-dl**: A Python program to download .deb package (and it's dependencies) from packages.ubuntu.com even without the need of an Ubuntu installation.
- **udacity-cs101**: Implementation of a barebones search engine in Python. I wrote this for Udacity's CS101: Intro to CS: Building a Search Engine course.
- **ml-class**: Octave code for Prof. Andrew Ng's Stanford online Machine Learning class.
- **Investigation of Symmetric Block Cipher Algorithms**: Academic project in which I investigated state-of-art symmetric block cipher algorithms.

**PUBLICATIONS**

- **Windows Autorun FAQs**: A four-part article series about autoruns and autostart location in Windows (published on http://bytes.com/)

**PERSONAL INFORMATION**

- Languages: Hindi and English
- Preferences: I'm willing to work remotely or relocate to a new city/country.
- Citizen: India
- USA Immigration status: I need a visa to work in USA.

**REFERENCES**

- *Shaligram Prajapat* (Associate Professor, International Institute of Professional Studies, Devi Ahilya University), shaligram.prajapat@gmail.com
- *Vivek Shrivastava* (Assistant Professor, International Institute of Professional Studies, Devi Ahilya University), shrivastava.vivex@gmail.com

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[1]The latest version of this resume is available at http://amberj.devio.us/resume.html