Amber Jain's Résumé[1]

CONTACT INFORMATION	24-B, Siddharth Nagar	(+91)8982732654
	Behind Gurjar Hospital, Bhanwarkua	i.amber.jain@gmail.com
	Indore (452001) MP, INDIA	http://amberj.devio.us/

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
- **Introduction to Databases** — **225.0 out of 293.0**
  Class2Go — January - March 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, JavaScript, HTML, CSS, C, bash
- **Databases/Serialization**: SQL, MySQL, SQLite, JSON
- **Operating Systems**: Unix-like (Ubuntu and Debian), Windows
- **Version Control Systems**: Git, Mercurial, Bazaar, 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`