TANMAY WADHWA

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OBJECTIVE

Seeking a challenging position to implement my classroom learning and previous experiences for my and the organization's mutual growth.

EDUCATION

University at Buffalo, the State University of New York.   **[Aug 2013-Dec 2014]**
- **Master of Science (**Computer Science**)**
- **Courses (1st Semester):** Algorithms, Information Retrieval, Machine Learning, Software Engineering. GPA (1st Semester): 3.1
- **Courses (2nd Semester):** Distributed Systems, Operating Systems, Multimedia Systems and a Seminar on Mobile Sensing

Maharshi Dayanand University (World Institute of Technology)   **[May 2008-Jun 2012]**
- **Bachelor of Engineering** (Computer Science)
- Graduated with **First Division.**
- Chosen as the **"Best All-Rounder"** for the Class of 2012.

PROFESSIONAL EXPERIENCE

University at Buffalo, the State University of New York.   **[Oct 2013-Present]**
- Position: **Student Technical Assistant.**
- Working part time at the Office of Information Resources in the School of Dental Medicine, University at Buffalo. Actively involved in providing **IT infrastructure support** and Desktop support to students and faculty of the school.
- Dealing with both **Windows** and **Mac** environments.

HCL Technologies, Noida, India.   **[Aug 2012-Aug 2013]**
- Position: **Junior Analyst.**
- Worked at the Infrastructure Division of HCL Technologies, specifically in the project pertaining to the requirements of CEVA Logistics (Eagle Global Logistics). HCL provided Infrastructure: Exchange, Citrix, Linux, Windows server support to Ceva Logistics.
- **Provided remote desktop support** to windows systems and local applications for Ceva internal employees.
- **Acted as the first point of contact for Ceva Employees.** Dealt with local issues and forwarded server/application issues with correct priority to the concerned teams.

CMC Ltd, New Delhi, India.   **[Jun 2011-Aug 2011]**
- Position: **Software Intern.**
- **Worked in a team and actively contributed towards the creation of an email engine.** Primarily using J2EE (JSP & Servlets), HTML, CSS, and SQL as the database.
- **Offered a full-time position** after the completion of my undergraduate studies.

CMC Ltd, New Delhi, India.   **[Jun 2010-Aug 2010]**
- Position: **Software Intern.**
- **Trained on J2SE** and contributed towards the creation of a Local Enterprise IM application using J2SDK.

ACADEMIC PROJECTS

University at Buffalo, the State University of New York   **[Oct 2013-Dec 2013]**
Practical Project in **Machine Learning**
- **Created a Handwritten digit recognizer** using **Machine Learning** techniques in MATLAB.
- **Implemented One-vs-All Multiclass Classification** technique and achieved **96.34%** and **95.56%** correct predictions respectively using Logistic and Neural Network Classification.
- **Tools/Software Used:** MATLAB

University at Buffalo, the State University of New York   **[Oct 2013-Dec 2013]**
Practical Project in **Information Retrieval**
- **Created a multisource search engine** running on **Wikipedia, WikiNews, WikiQuotes** and **WikiBooks.**
- **Implemented the User Interface** using **Java Server Pages, Servlets, HTML, CSS and Apache Tomcat.** Used **Solr** to index and search the respective data and queried Solr through its own web server hosted on **Jetty.**
- **Tools/Software Used:** Eclipse IDE, Apache Solr, JDK, JSP, Servlets.

World Institute of Technology   **[Dec 2011-May 2012]**
Major Project towards the fulfillment of Undergraduate degree.
- **Created an Android Memo Application** that integrated locations with the memo added to the application. The application set dynamic reminders according to the person's current location and distance from the location saved in the memo.
- **Tools/Software Used:** Eclipse IDE, Android SDK, JDK, Google Maps API.

LEADERSHIP AND MANAGERIAL SKILLS

- Organized the inter college festival "Fiesta Vistoso" **2011** as the "**Head Coordinator**".
- Coordinated the Technical events at the inter-college Festival "Fiesta Vistoso 2010" as the "**Technical Head Coordinator**".
- **Campus Ambassador** for **Starpreneur** (Nurture Talent Academy).
- Volunteered for the **XIX Common Wealth Games** Delhi 2010.

EXTRA-CURRICULAR ACTIVITIES

- **Awarded 1st Prize as a Debater** at the inter-college festival "Fiesta Vistoso" 2011.
- **Awarded 3rd & 2nd Prizes in the "Group Discussions"** at the inter-college festival "Fiesta Vistoso" 2010 and 2011 respectively.
- **Represented College** at various Debating events including debates at IIPM and Apeejay College of Engineering.
- **Represented School in programming events** at Quanta, CMS Lucknow. An inter-school festival with teams from all **over India and various countries including USA, Russia, UK, South Africa, etc.**

SKILLS & PROGRAMMING EXPERIENCE

- **Software Development, Requirements Specification, Incremental Methods, Software Project Management.** I appreciate both, the programming as well as the non-programming tasks involved in software development.
- **Java(J2SE, J2EE, JSF, Servlets, JSP, JavaBeans, JDBC, JPA, Java Applets), C++, C, SQL, HTML, CSS, Linux, Windows, Macintosh, Eclipse, Apache Solr, Lucene, Matlab, NetBeans**, **Android Programming, GIT.** Event and error-driven programming.