Shashwat Verma

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**Professional Information**

* MSc. Embedded System (Software and Networking) 1st year
* GPA : 7.25 (Current)
* Work experience of 1 year with appreciated innovation in multinational company

**Education**

August 2015 **M.Sc.** Embedded Systems, *Delft University of Technology*

– Present *Specialization:* Software and Networking

*Courses*: Embedded computer architecture, Networking, Qualitative analysis, System validation, Sensors and actuators.

Expected graduate date: August 2017

June 2010 **Bachelor** in Electronics and Instrumentation, *VIT Vellore*

– May 2014 *B.Sc. thesis*: ‘Automated Green-House Status Monitoring and Control

Using Wireless Distributed Control Systems’,

*CGPA*: 8.36/10

2008 **Secondary school**, *Birla senior secondary school, Pilani*

- 2009 Profile: Computer Science,

Average: 88%.

2006 **High School,** *Birla Public School, Pilani*

– 2007 Average: 86.8%

**Work experience**

June 2014 Cognizant Technology Solutions, Program Analyst Trainee, Kolkata

- June 2015 *Worked as a developer in Oracle EBS (PL/SQL, Linux) for clients such as*

*Norli and Realogy*

* Achievements: Part of best team in Q1 2015

June 2012 Internship in CEERI (Central Electrical and Electronic Research

- July 2012 Institute), Pilani

*Worked as System Design Trainee on implementing Digital filters on FPGA*

*using Xilinx*

**Projects**

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* Implemented successfully a baggage management system using functional programming language, this was based on vanderlande’s system
* Successfully implemented Secure Communication between 3 stations by encrypting the data and sending it over a medium by interfacing with ARM microcontroller.
* Led team of 3 to successfully implement Automatic level and temperature control using Siemens PLC.
* Part of the team to present Efficient Traffic light system for Ambulance using LabVIEW. This projected was selected for final round of NI-yantra 2012 in Chennai (India)

**Extracurricular Activities**

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* Served as a volunteer in local NGO during April 2004- March 2008
* Successfully completed a term as Publicity Head for ISA-VIT Student Chapter from July2012 to May 2013.
* Conducted an Grand Event in GraVITas’12 (college’s technical festival)

**Computer Skills**

Professional C, C++, Matlab, Java/RMI, NS-3, PL/SQL, NI LabVIEW

Intermediate Python, RTOS using C++, VHDL and Verilog, Adobe Photoshop

**Languages**

Native Hindi

Fluent English

**Personal interests**

Swimming, sketching, cooking and bowling