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## RAHUL CHALLA

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### Career Objective

“Dream to work for an innovative Organization that will allow me the opportunity to make the most of my potential and discover new horizons and enable me to perform best in the Organization, also to gain more valuable experience while enhancing the work surroundings considering the global market”.

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### Education Qualifications

**Marist College**, Poughkeepsie, NY

Master of Computer Science in Information Systems anticipated May 2018

Current Courses: Data management, Data Communication, SICO, Web Technologies

**Technische Hochschule Deggendorf - THD**, Deggendorf, Bavaria, Germany

Master of Science, October 2015

Major: Electrical Engineering and Information Technology

Specialization: Automotive and Industrial Drive Systems, Micro and Nano Electronics

High Honors: First Class Degree

**Jawaharlal Nehru Technological University - JNTU**, Hyderabad, Telangana, India

Bachelor of Technology, June 2010

Major: Electronics and Communication Engineering

Specialization: Embedded and real time Systems, Wireless Networks

High Honors: First Class Degree

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### Professional Experience

**Student Assistant at IHS Global GmbH, Munich, Germany (Oct 2015 - June 2016)**

- Research and analysis of different ECUs, sensor modules and other PCBs for Infotainment Systems at the BOM level. And, preparing databases for different custom projects. Also identifying the Automotive Tier-1 Suppliers for all components in various domains.

**Master Thesis at IHS Global GmbH, Munich, Germany (Feb 2015 - Sep 15)**

**Topic: Research on Hardware Architectures and Semiconductor Content in the field of Infotainment Systems**

- Research and analysis of different types of hardware architecture implementation and semiconductor components in each Infotainment systems and prepared a database for different Automotive OEMs.

**Working Student at Continental Automotive GmbH, Regensburg, Germany (Oct 2014 - Jan 2015)**

- Testing the ECUs according to the test plan using Vector CAN.LIN tool and Diagnostic Engineering tool (DET) – Ford. Understanding and updating the test report in IBM Rational DOORS.

**Internship at Continental A.D.C GmbH, Lindau (Bodensee), Germany (August 2013 - April 2014)**

- Building up flashing station and testing ECUs such as BMW 7 Series Front View multi-functional stereo camera (MFC4B0- BMW) for applications such as Lane Departure Warning, Traffic Sign Recognition etc., using different Automotive tools.
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### Technical Skills

**Programming Languages** : CAPL, VBA, VHDL

**Hardware Tools** : MI4, Vector CAN / Flex Ray, Vector Ethernet Interface, HIL Simulator, Lauterbach Debugger

**Software Tools** : MKS Integrity, DET, IBM Rational DOORS, Xilinx ISE FPGA (Basics), XCP Download Tool, VirtualBox Machine

**Operating Systems** : DOS, Windows Operating Systems

**Packages** : Microsoft Office 2003, 2007, 2010, Microsoft Excel & PowerPoint

**Communication** : Technical Writing, Documentation, Presentation

**Administration Skills** : Market Research Analysis, Supply Chain Analysis, Teardown Analysis

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### Language Skills

- Telugu (Mother Tongue), English, Hindi, German (Intermediate level)