Teaching Assistant Teaching Assistant Electronics Hardware Engineer Ypsilanti, MI   Electrical and Computer Engineer (Bachelors in Electronics and Communication Engineering) with strong interests & knowledge in IC Parametric & Functional Testing, DC-DC Converters, PCB Designing, Signal Processing, RF & Microwave Engineering, MEMS Sensors and VLSI Technology.   Actively looking for entry level full time opportunities starting from May 2018.   As a Semiconductor Lab Manager, I have a great working knowledge and experience on PCB design and electronic test equipment like PXIe, SMU, Oscilloscope, Spectrum & Logical Analyzer, Signal Generators, Multimeter and Soldering. Work Experience Teaching Assistant Texas Tech University - Tech, Texas, US August 2017 to May 2018 Tutor students for the courses Electromagnetics and Linear System Analysis 1, 2, which includes extensive use of MATLAB programming and grade their exams. Lab Manager, Texas Tech University Program for Semiconductor Product Engineering - Tech, Texas, US January 2017 to June 2017 Help students in operating Lab equipment's like PXIe, SMU, Oscilloscope, Multimeter etc., and maintain the lab. Internship National Instruments - Austin, TX April 2017 to April 2017 Underwent NI STS (Semiconductor Test System) industrial certification training and tested ADC, Basic logic gates, LDO-TL1963A- XX on NI-Savage Tester using NI LabVIEW and NI Test Stand and learned about various types of testers & load board designing. Python Developer Infosys - Mysore, Karnataka May 2015 to May 2016 Worked on developing banking application tools using python and data base management using SQL. Internship All India Radio Station - Vijayawada, Andhra Pradesh May 2014 to June 2014 Underwent In-plant training on working of AM, FM Transmitters and Receivers. Education MS in Electrical Engineering Texas Tech University - Lubbock, TX August 2016 to May 2018 BS in Electronics and Communication Engineering K L University August 2011 to May 2015 Skills PYTHON (1 year), MATLAB (Less than 1 year), ANALOG (Less than 1 year), ANSYS (Less than 1 year), ANTENNA (Less than 1 year) Links http://www.linkedin.com/in/manmohangadangi0815 Additional Information   Technical/Computer Skills: Technical Proficiency in MATLAB, NI LabVIEW, NI Test Stand, NI AWR, NI Multisim, ANSYS HFSS, LT Spice, HSpice, Cadence, Eagle CAD, AutoCAD, Inventor, VHDL, SAS JMP, CAN Basics, C, C++, Python.   Coursework: Testing of Digital Systems, Parametric & Functional Testing, Micro

Processors and Micro Controllers, Computer Organization, Computer Networks, Network Analysis, Electromagnetics, Antenna & Wave Propagation, Analog & Digital Communication, Modern & Digital Signal Processing, Multi-rate Signal Processing, Digital Image Processing, Speech Processing.

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