



Ishan Khatri

29807 Tomball PKWY Apartment #234 Tomball Texas 77375
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A forward thinking, capable, hardworking, and committed professional with outstanding analytical and logical skills, able to focus on any task at hand and utilize existing knowledge and experiences to come up with practical solutions and alternatives to processes being researched and implemented.

Academic Qualifications

MS. Electrical and Computer Engineering

Prairie View A&M University - Expected Graduation May 2017

BS. Electrical Engineering

Lalbhai Dalpatram College of Engineering, Ahmedabad- July 2012

Key Skills

Areas of Expertise

- Proficient in HTML5, CSS3.
- Proficient in MATLAB, C, C++, MS Office, Adobe Photoshop, AutoCAD, and Troubleshooting of computer related hardware and software issues.
- “Certified Google Power Searcher” since 10/12/12

Honors and Achievements

- Secured 1st position in the event “Terminator Androids” at the national level technical symposium “PRAKARSH '11” held at Sardar Vallabhbhai Patel Institute of Technology, Vasad on 23-24th February 2011.
- Secured 2nd position in the event “BATTLE BOTZ” at the national level technical event “FOOT PRINTS XI” held at Faculty of Technology and Engineering the Maharaja Sayajirao University of Baroda.
- “Electrical Supervisor License from Government of Gujarat”

Professional Abilities

- Knowledge of hardware and software and good analytical skills for analyzing system errors.
- Outstanding in developing various programs on different languages for existing software.
- Actively maintain awareness and understanding of current developments and best practices in Computer Programming.
- Knowledge of execution, scripting and planning.
- Languages: English, Hindi, Gujarati, Bengali, Marathi

Work Experience

Graduate Research Assitant for Electrical & Computer Engineering

Prairie View A&M University - Sept 2016 - Present

- Machine Learning
- Big Data
- Data Mining
- Smart Grid

Graduate Assitant for Information Technology Services

Prairie View A&M University - June 2016 - August 2016

- Maintaining the computer labs across the whole campus.
- Assisting the staff across the campus how to use the computer, gadgets and projector.
- Coordinating with the Information and Technology Service team and reporting the security issues.
- Troubleshooting of the computer related hardwares.

Tutor for Naval Reserve Officer Training Corps (NROTC)

Prairie View A&M University - Sept. 2015 - May 2016

- Succeeded in raising student's grade from a 60% to 90%
- Modeled problem-solving techniques for students requesting help.
- Provided tutoring for physics, calculus, algebra, basic math, trigonometry and geometry courses
- Provided assistance with test-taking strategies and study skills for difficult math subjects.
- Explained course-specific content help for the students who needed tutoring assistance

Graduate Research Assistant for Center for Energy and Environment Sustainability

Prairie View A&M University - Oct. 2015 - May 2016

Amass research papers based on Life Cycle Assessment of Energy generated from different sources such as coal energy, nuclear energy, geothermal energy, wind energy.

- Processing the data from random data to create useful database for further research.
- Programming on Microsoft Excel
- Testing the consistency of the database.
- Presentation of advancements performed in our research every Friday.

Quality Assurance and Test Engineer

Patel Electricals, Vadodara, India - July 2012 - July 2015

Management

- Identification transformer faults and make a record of replacement parts in presence of Board Representatives.
- Preparation of quality plans, work instructions, raw material specification sheets and ensures it is followed strictly.

Communication

- Interaction with vendors for their service capability & quality of their materials.

Test Engineer

- To perform routine tests prior and after on each transformer in presence of Madhya Gujarat Vij Company Limited board representatives.

Documentation

- Identification transformer faults and make a record of replacement parts in presence of Board Representatives.
- To prepare External & Internal Reports with Madhya Gujarat Vij Company Limited board representatives.
- To prepare Estimate report and to dispatch it for the approval.
- To manage Oil Account and prepare Test Report.
- Preparing of all of the Functional Specification Documents (FSD), Business Requirement Documents (BRD), and Functional Testing Documents.
- Ensuring order Processing/Booking (OM) during month/quarter/year end and resolving inter-company accounting issues.

Volunteer

BAPS Houston - August 2015 - Present

- Worked for NGO: Lions Club of Baroda - Taramandal.
- Organized program for Red Cross Society in Ahmedabad during college as a NCC Cadet.

Academic Projects

- "Life cycle assessment of biodiesel emissions produced from ethanol" Poster presentation at Texas A&M Pathway Symposium 2015.
Project is taken according to Industrial Define Problem for Royal Solar Ltd. (Rajkot). Solar tracking system, cleaning of large solar panels, Prevention for Solar Street light which are being stolen in some areas
 - Worked under senior electrical engineers to design PV systems that converts sunlight into electricity.
Equipped selected PV systems with uninterruptible power supply capability, allowing customers to operate selected circuits for hours (or even days) during a utility power outage.
 - Assisted in distributed system voltage performance analysis for high-level penetration photovoltaic, contributing to research study that will be used to optimize future PV systems.
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Contact Details

Click on the links to send message, call, and get directions.

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References

Reference Available On Request.