AHMED S. WAJID

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SUMMARY

- A self-motivated individual seeking a full-time position in the areas of electrical engineering
- Over 2 years of proficient research experience and 1 year of professional work experience in hardware electronics
- Well versed with various programming languages and advanced level engineering software
- Possess a unique blend of analytical, technical and interpersonal skills along with resourceful industrial experience

EDUCATION

Texas Tech University, Lubbock, TX   *Aug'11*
Master of Science - Electrical Engineering   G.P.A: 3.6

Jawaharlal Nehru Technological University, A.P., India   *May'07*
Bachelor of Technology - Electronics and Communications Engineering   G.P.A: 3.7

PROFESSIONAL EXPERIENCE

Research Assistant - Dispersed Nano-materials Lab - Texas Tech University, Lubbock, TX   *Dec'09 - Dec'11*
- Synthesized and characterized novel electrically conductive devices using graphene
- Mentored various graduate and undergraduate students in their research

Teaching Assistant - Electrical Engineering **-** Texas Tech University, Lubbock, TX   *Sep'08 - Jan'09*
- Assisted the professor by reviewing the literature in the field of medical imaging

Senior Technical Support Associate - Dell International Services, Hyderabad, India   *Jul'07 - Jul'08*
- Successfully troubleshot and resolved several hardware & software issues related to Dell products
- Attained experience of working in a professional environment and skillfully dealing with international clients

System Administrator - Sib Cyber Links, Hyderabad, India   *Sep'04 - Sep'06*
- Assembled and maintained computers and performed basic networking operations

ACADEMIC PROJECTS

Parametric device testing, Dept. of EE - TTU, Lubbock, TX   *Jan'09 - Mar'09*
- Logically executed different parametric tests on an analog-to-digital converter ADC - TLC0820 device

Voice portal for agriculture, Idea Labs, Pvt. Ltd, Hyderabad, India   *Jan'07 - Mar'07*
- Creatively designed a novel and unique system to address the need of the rural sector by the aid of technology
- Strongly facilitated less technically adept people to access the relevant information available on the internet

RELEVANT COURSEWORK

- Solid state devices
- Functional materials
- VLSI design
- Microprocessors and interfacing

TECHNICAL SKILLS

- **Programming Languages:** C, Java
- **Web Technologies:** HTML, VXML, Dreamweaver
- **Computing Languages:** MATLAB, Maple 12
- **Databases:** Oracle 9i, MS Access
- **Platforms**: Windows XP/Vista/7
- **Synthesis:** Electrospinning, Composite processing
- **Characterization equipment:** VLCT – Analog/digital device testing, Four point probe, Tensile testing machine

PUBLICATIONS AND CONTRIBUTIONS

- **Publications**: 3 peer-reviewed scientific journals
- **Conferences**: 3 - **APS** *Mar'11*, **AIChE** *Nov'10*, **SOR** *Oct'10*
- **Patents:** 1 US Patent (pending)
- **Research Proposals**: 1 accepted – **AFOSR**

CERTIFICATIONS

- Dell Certified System Expert (**DCSE**)
- E.I.T. - NCEES Fundamentals of Engineering Exam (**FE**)

HONORS AND ACTIVITIES

- Recipient of **Competitive scholarship**, TTU
- National Science Foundation (**NSF**) funded graduate research
- Member of American Physical Society (**APS**)
- Graduate Record Exam (**GRE**) top scorer, B.Tech.