

Ahmad F. Turki

Cell: +966556921331

5077 AbuZubid Ibn Almonther ST., Alrabwah Dist.

Jeddah, 8235-23449

ahmedfturki@yahoo.com

Objective:

Electrical Engineer with a graduate degree, seeking an opportunity to apply my knowledge, skills and abilities in a professional challenging environment, while gaining additional experiences.

Summary:

- Worked individually, as well as in a team environment
- Led a team under strict deadline schedules
- Strict attention to details and accuracy
- Exceptional presentation skills as well as written and verbal communication skills.

Education:

The University of Texas at San Antonio

Jan 2012- Present

Master of Science in Electrical Engineering Degree

Concentration: Power Systems, Digital Signal Processing

Relevant Courses:

Power Electronics, Electric Drive, Electromagnet Induction, Power Phase, Power System Economics, DSP and independent study in Retinex Medical Imaging.

The University of Texas at San Antonio

Jan 2007-May 2011

Bachelor of Science in Electrical Engineering Degree

Concentration: Control Systems and Power, Communications

Relevant Courses:

Communication Systems, Fiber Optic Communications, Spread Spectrum Communication & GPS, Analysis and Design Control Systems, Discrete- Time and Computer-Controlled Systems, Intelligent Control.

Skills:

Computer Skills

Programming Languages: Assembly (68HCS12), C programming

Applications: Microsoft Office, Visio, ConceptDraw Office, Cadence Orcad Pspice, VPIphotonics, PCB Editor, Cadence Encounter, LabView, SimUAid, Freescale Codewarrior, MATLAB, Simulink, Adobe Suite, Windows & Mac OS X.

Language Skills

Bilingual: fluent in English and Arabic

Undergraduate Project:

- Voice Analyzer for hearing impaired people: Designed the system circuit schematic; programmed the microcontroller ship using c language programmer compiler and built a voice analyzer system, as a senior design project.
- Fire Alarm circuit: Designed and built a fire alarm circuit with smoke detector as final project for the EE lab one

- Traffic light controller: Designed and built a two-intersection traffic light controller as final project for circuit II course
- AM Radio receiver circuit: Built AM radio receiver as final project for Circuit I course

Activities:

- Member of Institute of Electrical and Electronics Engineers (IEEE)
- Member of National Society of Collegiate Scholars at the University of Texas at San Antonio
- Member of Honor Alliance Sigma Kappa Upsilon

Experience:

University of Texas at San Antonio, San Antonio, TX

2008-2009

- Reader/Grader
 - Graded students' assignments, prepared lectures presentations on M.S. PowerPoint, organized and planned the course outline.
 - Tutored and assisted 50 students from varied academic levels with their assignments.

UTSA National Society of Collegiate Scholars Organization

2008-2009

- Secretary Officer:
 - Attend organizations meetings, write down meetings minutes and scheduled following meetings and activities.

Rajab and Silslah Company, Jeddah, Saudi Arabia

July-August 2002, 2003, 2004

- Engineer Assistant:
 - Worked as an electrical engineers assistant in three different divisions:
 - Testing and Measurements Division:
Worked with electrical technicians in testing and measurement maintenance section where they maintain measurement devices, i.e. voltmeters and oscilloscopes
 - Analytical and Scientific Division:
Worked on installing and calibrating new scientific educational and experimental devices in educational institutes.
 - Analytical and Medical Division:
Worked with electrical engineers to maintain medical x-ray devices light tubes at health institutions.
- Filing Clerk:
 - Organized and documented financial paper work for selling and purchasing bill done by the department with many customer companies and organizations.

Recognition and Achievements:

- 2nd place at the UTSA's College of Engineering Students Senior Designs for Spring 2011
- 3rd place at the at the UTSA's \$100,000 Student Technology Venture Competition
- Member of Honors College at UTSA
- Spring 2007 Dean's list
- Spring 2010 President's list
- Full Scholarship from the Higher Education Ministry of Saudi Arabia