

QUSAI AL SHIDI

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Lowell, MA

Updated: 2/21/2017

EDUCATION

B.Sc Physics, University of Toledo May 2012
Ph.D. Physics, University of Massachusetts—Lowell Continuing

RESEARCH EXPERIENCE

University of Toledo 2011
Undergraduate Research, Jacques Amar

- Thin-film growth simulations
- C & C++ programming
- Math and Statistics

Sultan Qaboos University 2009 & 2010
Undergraduate Research, Salim Al-Harthy

- Nanotechnology
- X-ray photoelectron spectography
- Scanning Tunneling Microscope

University of Massachusetts--Lowell Continuing
Graduate Research, Dr. Paul Song

- Magnetohydrodynamics
- Simulations
- Space Physics (Sun's Chromosphere)

JOB EXPERIENCE

Gulf Energy LLC, Muscat, Oman
Petroleum Geophysics

- Data analysis of oil drilling operations

Teaching Assistantship, Lowell, MA 2014-Continuing
University of Massachusetts—Lowell

- Teaching physics recitation to NAVITAS students.
- General Physics lab instructor.

PROFESSIONAL TRAINING

C & C++ Programming

Qurum Training Institute, Muscat

COMPUTER SKILLS

Programming: C++, C, MATLAB, GNU Octave, PHP

Applications: Origin, Kaleidascope, LabVIEW, Photoshop, GIMP

Platforms: Linux, Windows

COMMUNITY SERVICE

UT-BASH

Vice President, Toledo, OH, 2010

President, Toledo, OH, 2011

BASHCon Coordinator, Toledo, OH, 2011 & 2012.

College of Arts & Sciences Student Council

Science Delegate, 2010

Society of Physics Students

Web Master and Outreach Coordinator, 2010

Physics and Astronomy Summer Camp

Volunteering with setup and teaching high-school students in an evening of Physics and Astronomy. July 2011

Volunteering with Mayfair Games setup and demonstrations

Spent four days volunteering setup and teaching games for a company at a large convention. July 2011.

University of Toledo's Feminist Alliance

Recorder and volunteer. 2012.

Attended the National Young Feminists Leadership Conference in Washington DC. March 2012.

HONORS AND AWARDS

College of Arts and Sciences Dean's List Spring 2009

College of Arts and Sciences Dean's List Fall 2009

Donalds S Park's Outstanding Program Award 2011
Co-coordinated BASHCon XXVI an non-profit convention that spanned 1000 attendees and had a budget of approximately \$7000.

Donalds S Park's Outstanding Program Award 2012
Co-coordinated BASHCon XXVII an non-profit convention that spanned 1000 attendees and had a budget of approximately \$10,000.

LANGUAGES

Arabic: Native Language

English: First Language, fluent speaker, advanced writer.

REFERENCES

Dr. Paul Song
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