

Mohammad Y. Majzoub
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Objective: An engineering career in your strong organization where I can put my powerful work ethics and leadership skills to work.

EDUCATION

San Diego State University San Diego, CA
Master's Degree in Bioengineering Expected Graduation August 2009
Conducting Graduate research at the **Mechanical Engineering Department**
Emphasis in Biomechanics GPA 3.4

University of Toledo Toledo, OH
B.S. in Biology (pre-med) Graduated in May 2006
Appeared on the Dean's List in spring 2003

American University of Beirut Beirut, Lebanon
Medical Laboratory Technology Major (pre-med) 2000 - 2002

Experience

Research Associate June 2009 – present
San Diego State University San Diego, CA

- Conduct research on **Polymer based Light Emitting Diodes** used in electronic devices.
- Fabricate a PLED prototype using micro fabrication, material science and electronic testing.

Teacher Assistant January 2009 - present
San Diego State University San Diego, CA

- Teacher Assistant for **Mechanical and Thermal System** laboratory.
- Instruct undergraduate students in performing experiments in addition to grading reports.
- Carry out laboratory maintenance.

Graduate Researcher February 2006 - present
San Diego State University San Diego, CA

- Clean room manager.
- Graduate research in Microfabrication and testing of **Polymer Photovoltaic Solar Cells**.
- **Lead person** in Micro Electro Mechanical Systems (**MEMS**) fabrication through PolyMUMPS process at the **MEMS clean-room**. Applying UV **photolithography** technology and wire bonding for a variety of application areas.
- Performed open/closed cell DEP on biochips for Innovative Packaging of 3D Microarray and Microfluidic Devices.
- Operate (**SEM**) Scanning Electron Microscope.

Research Symposium

- Presenter at the (SRS) Student Research Symposium. Sponsored by San Diego State University. February 2009
- Presenter at the International Symposium on Optomechatronic Technologies. Sponsored by SPIE. November 2008
- Presenter at the Fifth International Congress of Nano-Bio Clean Technology 2008. Sponsored by California Institute of Nanotechnology. October 2008

Undergraduate Research / Laboratory Technician

University of Toledo

August 2003 – August 2004

Toledo, OH

- Conducting research in the function of GTPases induced by pro-inflammatory cytokines
- Performed cell culture, immuno staining, Western Blot Analysis and ELISA.

SKILLS/ABILITIES:

Computer skilled including but not limited to the following programs: Solid Works, Coventorware, Pro-Engineer, P-Spice, Matlab, FEA, Lab View, Virtual Bench, AutoCAD, MS Word, Outlook, Excel, PowerPoint and Adobe.

Organized and creative thinker, self motivated, great interpersonal skills, valuable team player, able to plan and prioritize assignments.

Attended GMP course and scored high on test.

Trilingual in English, Arabic and French with a high degree of fluency in Arabic & English.