

**Mohammad Azimi**  
**Address & Phone Number by Request**  
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**EDUCATION**

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**University of California Berkeley / UCSF – PhD Bioengineering** 2008 – Present  
**Minor in Computer Science**

**Arizona State University – BSE Bioengineering – Business Minor** 2003 – 2008  
GPA: 3.75

**WORK EXPERIENCE**

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**Molecular Cell Biomechanics Laboratory** 2008 – Present

**MedApps, Inc. – Research & Development – Software Engineer** 2008  
Developed device software to enable functionality of wireless modules (cellular and Bluetooth) to communicate with medical devices and wirelessly transmit patient readings to a database.

**Medtronic Corporation – Product Development – Consultant, Lead Software Developer** 2007 – 2008  
Software development for wireless telemetry system intended for use in various medical devices.

**Intel Corporation – America Sales & Marketing** 2005 – 2008  
Work directly with retail channels and customers on building the brand image as well as conducting numerous one-on-one and group trainings. Designed and implemented new tool to track merchandising inventories and consistently improve merchandising score in the Phoenix, Las Vegas and San Diego areas.

**Intel Corporation – Assembly Technology Development – Intern, Mechanical Core Competency** 2005 – 2007

Summer 2007 Design, setup and implementation of a metrology to evaluate the mechanical, thermal and electrical performance characteristics of LGA sockets.

Summer 2006 Design, setup and implementation of a Twyman-Green Interferometer for measuring three dimensional displacements in silicon and packaging. Designed Lab View Interfaces for various tools in the lab to improve user friendliness and automation of tests.

Summer 2005 Design, setup and implementation of mechanical digital image correlation for material property testing on various materials including thin films in correlation with a mechanical load frame.

**Medtronic Corporation – MMC Reliability Group – Intern, Physics of Failure** Spring 2007  
Developed a methodology for drop/shock risk assessment of Medtronic microelectronic products prior to full assembly into devices for evaluation of new products, materials and manufacturing steps.

**National Science Foundation Water Quality Center at Arizona State University** 2004 – 2005  
Performed microbial analysis for water quality. Perform bacteriophage assays using double agar layer and bacterial analyses using membrane filtration. Webmaster for center website: [www.wqc.asu.edu](http://www.wqc.asu.edu)

**Arizona State University Integrated Manufacturing and Engineering Lab** 2004 – 2005  
Lab Aide and programmer. Assist students in ECE100 and IEE463 courses in building robots using a processor and various sensors in addition to teaching programming in visual basic for artificial intelligence functionality of robots.

**Chandler Regional Hospital** 2000 – 2005  
Over 800 volunteer hours. Assist visitors and patients throughout the hospital. Assist medical staff with pharmacy and lab work. Provide help to Emergency Room doctors, nurses and technicians.

**SKILLS**

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**COMPUTER:** Solid Works, FloWorks, LabView, PDA Application Development, MATLAB, MathCAD, SPICE, Visual Basic, C#.NET, C (8051), Fortran, SQL, Web Design, Office Applications & Macros, Linux/Unix OS

**MECHANICAL:** Operation of Mechanical Loading Frame, Optical Metrologies (Digital Image Correlation, Twyman-Green, Shadow/FIFI), Strain Gage Attachment & Measurements, Drop Testing

**OTHER:** Teaching/Training one-on-one & large groups (100+) in academic and sales environment