

Mark Khusid
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Objective	To obtain a challenging position in a high quality engineering environment where my resourceful experience and academic skills will add value to organizational operations.	
Education	Polytechnic University, Brooklyn, N.Y. Bachelor of Science in Electrical and Computer Engineering Graduation Date: Spring 2000 GPA: 3.50 / 4.00	
Course Work	Electronics I and II C, C++, Assembly and Pascal languages TCP/IP Analysis and Programming Electric Circuit Design and Testing	Wireless, Ethernet and ATM Networks Communications Engineering Data Acquisition VHDL Computer Design
Honors & Awards	<ul style="list-style-type: none">• Dean's List, Fall 1996 – June 2000• William L. Everitt Student Award of Excellence• IEEE Student Branch Award• Best Project Award – 1999 Summer Junior Research Internship Program• Professor Myron M. Rosenthal Scholarship	
Employment 7/2006 – 12/2014	Moog, Inc., East Aurora, N.Y. Electrical Design Engineer <ul style="list-style-type: none">• Designed analog and power circuit card assemblies for mission-critical Electronic Control Units for the Taurus II, Delta IV and Centaur launch vehicles.• Analyzed complex circuits using pSpice, Mathcad and Matlab analysis software• Prepared and presented designs to customers, colleagues and management	
2006 – 2006	Moog, Inc., East Aurora, N.Y. Engineering Technician <ul style="list-style-type: none">• Constructed test fixtures to test flight critical electronic circuit boards• Coordinated with engineering to optimize test fixture construction and test procedure• Performed development and production testing of flight critical electronic circuit boards	
2/2006 – 9/2006	Keller Technology Corporation, Inc., Tonawanda, N.Y. Electrical Controls Engineer <ul style="list-style-type: none">• Designed electrical control systems for novel and complete manufacturing machinery• Prepared drawing package of electrical schematics in AutoCAD Electrical 2006• Researched and documented cost estimates to design and fabricate electrical control systems in response to user requirement specifications	
2000 – 3/2003	Space Technology Branch, US Army CECOM, Fort Monmouth, N.J. Computer Engineer <ul style="list-style-type: none">• Designed, assembled, configured and installed mission-critical computer systems in fixed, Army vehicular and airborne assets• Performed extensive design, construction and field testing of Army tactical Wireless RF and Optical communications systems• Soldered and assembled prototype Army electronic, optical and RF circuits and systems• Configured routers, switches and transceiver communications components• Spliced and connectorized Army and commercial optical fiber cables and network cables	

3/2003 – Present	MK Buffalo Unlimited, LLC, Buffalo, N.Y. Real Estate Investor <ul style="list-style-type: none"> • Acquired, rehabilitated and tenanted investment properties in the Buffalo, N.Y. area • Communicated with accountants, attorneys, brokers and other business consultants and acquired knowledge of their respective fields • Managed costs and rental income to insure business profitability • Acquired knowledge and skills in financial statements and business computer software
1/1999 – 6/2000	MP3L Laboratory, Polytechnic University, Brooklyn, N.Y. Research Assistant <ul style="list-style-type: none"> • Soldered and assembled experimental apparatus to study optical microresonators • Machined an optical fiber – microsphere coupler to study telecommunications applications
5/1997-8/1997	Markperi International Enterprises Inc., Islandia, N.Y. CAD / Computer Consultant <ul style="list-style-type: none"> • Drafted electrical schematics and machine parts utilizing AutoCAD • Coordinated with technicians to improve existing drawings • Installed and maintained network over company computer systems
Publications	N. J. Vallesterio, M. Khusid, N. S. Prasad, LTC J. Carrano, G. Duchak, J. Ricklin, M. Vorontsov, “Free-Space Optical Communications Systems (FOCUS): An Army Overview,” SPIE Photonics West Conference, Free – Space Laser Communication and Imaging II, Seattle, 9-11 January 2002
Special Skills	Proficient in lathe and milling machine operations, CAD/CAM electric circuit design, soldering and construction, computer assembly and troubleshooting, GNU/Linux system administration, automotive maintenance and repair
Hobbies	Practitioner of Tae Kwon Do. Licensed Amateur Radio Operator with Extra Class license. Licensed Volunteer Examiner by ARRL Volunteer Exam Coordinator
References	Available upon request