

MICHAEL S. KASS

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OBJECTIVE

Entry-level position in Electrical Engineering

ELECTRICAL ENGINEERING QUALIFICATIONS

- Knowledge of multiple semiconductor technologies, including Bipolar, MOS, BiCMOS, and GaAs
- Familiarity end-to-end with the design process including brainstorming, design, testing, revision, and documentation
- Strong technical communication skills demonstrated through project-oriented courses and job experience
- Experience using MATLAB, Cadence, VHDL, Electronics Workbench, SPICE, C/C++, and Basic
- Understanding of Microsoft Windows, Mac OS and Linux operating systems. Software skills include Microsoft Office; Adobe Photoshop, PageMaker, InDesign, Acrobat, Illustrator and Premiere; Macromedia Flash and Freehand
- Skills in web design, desktop publishing, and multimedia design including interactive presentations and video editing

ELECTRICAL ENGINEERING EDUCATION

University of Rochester *Rochester, NY*

BACHELOR OF SCIENCE IN ELECTRICAL AND COMPUTER ENGINEERING, MAY 2004

- Concentration in VLSI
- Overall GPA: 3.2/4.0
- Rush Rhees Scholarship for Outstanding SAT Performance
- Minor in English – Creative Writing
- Founding Member, University of Rochester SMASH Club

University of Alabama at Huntsville *Huntsville, AL*

SUMMER 1998, 1999, AND 2000

- Attended Advanced Space Academy Program at U.S. Space and Rocket Center for Earth and Environmental Science Credit at University of Alabama

ELECTRICAL ENGINEERING COURSES AND PROJECTS

Senior Design, Digital Integrated Circuit Design, Communications, Signals and Systems, MOS Circuit Design, Bipolar Semiconductor Devices, Computer Organization, Computer Programming, Circuits and Signals, and Logic Design

- **FPGA-Based Calculator** *December, 2001*
Developed addition, subtraction, and multiplication algorithms for use in a calculator that was implemented using VHDL. The design also featured a memory function. It was tested successfully in software simulation and using an FPGA.
- **Rocket Motion Tracking System** *December, 2000*
Designed a unit to fit into the fuselage of a model rocket to measure acceleration, velocity, and peak altitude. The system used a Basic Stamp computer, accelerometer, ADC, and EEPROM memory. It was built and tested successfully.

TECHNICAL EXPERIENCE

LEX Realty, Inc. *Syosset, NY*

OFFICE MANAGER, NETWORK ADMINISTRATOR, WEB DESIGNER, SEPTEMBER 1996 – SEPTEMBER 2002

- Created and maintained company web site
- Maintained office-wide computer network using Microsoft Windows 2000/98/95/3.1 and DOS 6.22
- Purchased all computer-related equipment based on specific organizational needs
- Designed several publications including newspaper ads, highlight sheets, mailings, and business cards

South Bay Cardiovascular Associates, P.C. *Bay Shore, NY*

WEB DESIGNER, 1999 – 2000

- Created company web site

National Conference of CPA Practitioners *Jericho, NY*

WEB DESIGNER, 1998 – 1999

- Created and maintained company web site

SALES EXPERIENCE

RadioShack *Syosset, NY and Pittsford, NY*

RETAIL SALESMAN, JUNE 2003 – PRESENT