

Scott Michael Kreidler

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OBJECTIVE:

To obtain a mechanical engineering position related to mechanical and feedback control systems research and design.

CLEARANCE:

TS SCI, issued by DoD/DISCO. SSBI by DSS.

EDUCATION:

Master of Engineering, Mechanical Engineering

Concentration in Dynamics and Control Systems.

Cornell University, Ithaca, NY

GPA: **3.44/4.0**

August 2002

BS Mechanical Engineering

Concentration in Mechanical Systems.

Cumulative GPA: **3.3/4.0**

May 2001

Significant Courses:

Mechanical Engineering

- Feedback Control Systems
- Robotics: Dynamics, Control and Design
- Modeling and Sim. of Mech. Systems
- Nonlinear Dynamics and Chaos
- Design for Manufacture and Assembly
- Finite Element Analysis

Electrical Engineering

- Analog Electronics
- Digital Electronics
- Electrical Signals and Systems

Interdisciplinary

- Micro Electro Mech. Sys. (MEMS)
- Neuromuscular Biomechanics

WORK EXPERIENCE:

Customer Support Engineer, Advanced Digital Info. Corp. Vienna, VA September 2004 – Present

- Performed installation, preventive maintenance and remedial maintenance activities on a line of automated media libraries.
- Collected hardware logs and performed basic configuration and log analysis.
- Demonstrated knowledge of network systems technology, including SCSI and Fiber protocols.
- Acted as technical consultant during problem resolution, and managed service experience for customers.
- Assessed customer requirements, established technical credibility, and instilled customer confidence in a variety of technical environments.

Security Systems Technician, RDR, Inc. Springfield, VA August 2003 -- June 2004

- Cooperated with a pool of technicians in the installation and maintenance of physical security systems in U.S. embassies and consulates world-wide.
- Assisted in the installation of security hardware at the U.S. Embassy in Canberra, Australia.
- Maintained security equipment at main office.

Senior Consultant, Cornell Info. Tech. (ResNet Division) Ithaca, NY August 1999 -- May 2002

- Provided computer network technical support by phone and on-site (dormitories and main office.)
- Completed projects to streamline ResNet operation, including redesigning the subscriber interface.
- Supervised and assisted less experienced consultants.

COMPUTER SKILLS:

- **Design/Analysis:** MATLAB, AutoCAD; exposed to ANSYS, LabView, Max+Plus II, VisualFEA.
- **OS:** Windows 9x/NT/2000/XP, DOS, MacOS 9/10. Rudimentary proficiency in Linux/Unix.

AWARDS, HONORS:

- Dean's List Fall '97, Fall '98 & Fall '99
- McMullen Dean's Scholarship, John McMullen Scholarship 1997 -- 2001

LEADERSHIP EXPERIENCE:

Treasurer, Seal and Serpent Society fraternity 1999 -- 2001

- Created annual \$75K budget for the Society, and acted as liaison between members and accountant.

Orientation Counselor, Cornell University 1998 -- 2000

- Helped incoming freshman students acclimate to Cornell, and acted as mentor through the academic year.

AFFILIATIONS AND ACTIVITIES:

- American Society of Mechanical Engineers (Associate member)
- Cornell Society of Engineers (member)
- Seal and Serpent Society Greek fraternity (life member)
- Alpha Phi Omega service fraternity (life member)
- Habitat for Humanity (1998-Present)

References available upon request