

Name

Email Address

Address

city, state, zip code

Phone number

OBJECTIVE

To obtain experience in the field of aerospace engineering through a position ultimately leading to a career in aircraft design. I am specifically interested in exploring safer, faster, and more efficient designs. I will consider jobs starting as early as June 2002 and I am open to relocation.

EDUCATION

Bachelor of Science, Aerospace Engineering

Expected graduation – May 2002

University of Colorado at Boulder

GPA – 3.88

LEADERSHIP

President, Tau Beta Pi – Engineering Honor Society 2001 - Present

Coordinate operations and facilitate weekly meetings for 25 members

Plan, organize, and participate in community service projects

Started the annual “Boulder Creek Cleanup” project

Representative, Engineering Excellence Fund Committee 2002 - Present

Allocate \$750,000 in students' fees to enhance overall educational experience

Fund grants for innovative projects proposed by faculty and students

Member, Aerospace Curriculum Improvement Team 2002 - Present

Meet with External Advisory Board to discuss and review curriculum

Assisted in creating hands-on, upper division courses that continue to earn the Aerospace

Department praise

Representative, University of Colorado Engineering Council 1998 - 2001

Promote community and common interests within the college

Eagle Scout, Boy Scouts of America 1996 - 1998

Built semi-permanent steps to enhance local nature trail

ENGINEERING

EXPERIENCE

Irrigation Installer

Summer 2001

Irrigation Doctor

Minneapolis, MN

Installed home irrigation systems in developing residential areas

Grader, Aerospace Engineering Department

Spring 2000-Spring 2001

University of Colorado

Boulder, CO

Graded homework and quizzes for 100+ students in the following courses: Aerospace Vehicle

Design and Performance, Thermo and Aerodynamics, and Introduction to Computing for

Engineers

Lab Assistant / Intern

Summer 1999

Applied Membrane Technology, Inc.

Minnetonka, MN

Tested membrane-coated porous fiber, including set-up and documentation

Provided general lab support

HONORS

Sigma Gamma Tau – National Aerospace Engineering Honor Society

Dean's List – All semesters

University of Colorado, Academic Achievement Award Scholarship

NAME

Local Address: xyz Street, Boulder, CO 80303
 Permanent Address: xyz Street, Duluth, MN 89098

Email:
 Phone:

OBJECTIVE

Seeking full-time employment in chemical engineering at Shell Oil Company. Available June, 2003. Willing to relocate.

WORK EXPERIENCE

Gambro BCT, Lakewood, CO May-Aug 02

R&D Intern

- Worked in team to assess the feasibility of new therapeutics technique
- Designed and executed experiments to automate blood therapeutics system
- Wrote detailed reports potentially for FDA documentation

Soil Aquifer Treatment (SAT), Boulder, CO Jan 01-July 02

Research Assistant

- Documented research in thesis report, to be submitted for publication
- Coupled analysis of carbon degradation and size exclusion chromatography (SEC)
- Tracked SAT progress using ion chromatography, SEC, DOC, UV

Schreiber Foods, Inc., Monett, MO May-Aug 00

Converting Intern

- Supervised shift of 20 floor operators
- Assisted in process engineering: implemented new technology, trouble shooting
- Designed and employed experiment to find the specific heat of processed cheese

EDUCATION

University of Colorado, Boulder, CO Aug 98-Sept 02

- B.S. in **Chemical Engineering**, Environmental Option
- GPA: 3.3 / 4.0

Environmental Sampling Course, Boulder, CO Jan-May 01

- Wrote work plans of Phase II Assessments utilizing problem solving skills
- Practical field experience: soil and water sampling, installing monitoring wells, slug test, air sparge/soil vapor extraction pilot test, simulated Phase I Assessments

Hazardous Waste Management Course, Boulder, CO Jan-May 01

- Long- and short-term chemical exposure assessments, remediation technologies

LEADERSHIP

AIChE (American Institute of Chemical Engineers), Boulder, CO May 01-May 02

Conference Chair

- Planned Conference for 100 participants from 13 schools in the Rocky Mountain Region
- Managed team of 10 committee members to meet a fundraising goal of \$15,000

AIIESEC, Boulder, CO Nov 98-May 01

Team member

- Developed marketing plan and vision for new team of 15 members
- Wrote and helped pass referendum legislation through University of Colorado Student Union to increase budget income by \$10,000+ per year
- Trained 10 new members

HONORS

Presidents Leadership Class, Boulder, CO Aug 98-May 00

Presidents Leadership Scholar

- Awarded Presidents Leadership Scholarship of \$2,000 for four semesters
- Volunteer: outreach presentation on date rape to 50 Boulder High School students

LANGUAGE

English (native), Russian (fluent - written and spoken), Cantonese Chinese (fluent – spoken)

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OBJECTIVE

Seeking a full-time position in embedded systems, software development, web-design or other position where I can apply my knowledge of programming. Available May, 2002.

COMPUTER SKILLS

Operating systems: Win 95/98, UNIX

Languages: C, C++, 8086 Assembly, Scheme, Lisp, Java, Visual Basic

Software: Mathematica, MS Word, MS Excel, MS PowerPoint, MS Access

Web: Experienced in HTML, DreamWeaver

EDUCATION

Bachelor of Science, **Computer Science**
University of Colorado at Boulder

Expected Graduation: May 2002

Relevant Courses:

| | |
|-------------------------|------------------------|
| Data Structures | Programming Languages |
| Computers as Components | Digital Logic |
| Software Engineering | Computer Organizations |
| Numerical Computation | Operating Systems |

TEAMWORK EXPERIENCE

Digital Logic Project

- Designed and implemented circuits using Xilinx to make an elevator operate with a team of three students.

Picture Frame Design Project

- Designed and implemented a project sponsored by Colorado Frame Company to design picture frames and calculate the cost of materials using Java language with a team of four students.

LEADERSHIP ACTIVITIES

| | |
|--|----------------|
| International Club, Active Member, University of Colorado at Boulder | 1998 – Present |
| Engineering Peer Advocate, University of Colorado at Boulder | 2000 – 2001 |

HONORS

Dean's List: Spring 2002

Boulder Multicultural Diversity Scholarship: Sole annual recipient, 2001

FOREIGN LANGUAGES

Vietnamese (Native Language), English (Fluent), French (Basic)

WORK EXPERIENCE

| | |
|---|------------------|
| <i>Sales Representative/Manager</i> , Pre-Paid Legal Services | 1/2003 – Present |
| <i>Cashier</i> , CU Parking Services | 5/98 – 5/00 |
| <i>Cashier</i> , Wal-Mart | 5/97 – 5/98 |
| <i>Operator</i> , Vietnam Paging Center | 5/95 – 5/97 |

Name

Address – Line 1
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Phone
email

OBJECTIVE

Seeking full-time internship in electrical engineering. Available May, 2005.

EDUCATION

Pursuing M.S., Electromagnetism

Expected Graduation: May, 2006

University of Colorado at Boulder

Coursework: RF and Microwave Measurements, Radar Remote Sensing, Bioelectromagnetics

B.S., Electrical Engineering

09/00-12-04

University of Colorado at Boulder

Randle J. Fox Memorial Scholarship for Academic Achievement

GPA: 3.54 (Dean's List – 5 semesters)

ENGINEERING EXPERIENCE

TEACHING ASSISTANT, Electromagnetic Fields and Waves

01/05 - Present

- Teach lab and recitation of 20 junior level electrical engineering students.

SENIOR CAPSTONE PROJECT

08/04 - 12/04

- Built autonomous drone controller under strict weight constraint. Implemented design on blimp and rover.
- Design of hardware and software for:
 - IR collision detection module
 - Optically isolated DC motor and servo driving module
 - 433 MHz TX/RX module
 - Accelerometer based positioning, compass based heading module
 - Data acquisition module
- Printed Circuit Board (PCB) layout using Cadence Layout.
- Printed Circuit Board (PCB) population.

ASSISTANT ENGINEER

10/04 - 12/04

Excitron Corporation, Superior, CO

- Assembled various level processes of DC stepper motors.

ELECTRICAL ENGINEER INTERN

05/03 - 08/03

Maxtor Corporation, Longmont, CO

- Developed and implemented hard drive writer-eddy current heating study.
- Tested product quality for hard drive heads and disks.

TECHNICAL SKILLS

- **Integrated circuit design software:** Puff, Spice, MatLab, Cadence Capture and Layout, Electronic Workbench
- **Programming Skills:** C, C++, Visual Basic, assembly language (8086/8088)
- **Technical Electives:** Communication Theory, CMOS Analog Circuit Design, Electricity and Magnetism, Biologically Engineered Control Systems, Biomedical Engineering

VOLUNTEER

Cleaned up trash along the Platte River, Denver, Colorado

08/96

Assisted in setup of charity run, Columbine, Colorado

10/98

Cleaned Mary Sandoe Retirement House in Boulder, Colorado

12/02

INTERESTS

Expert free skier, avid fisherman, year-round mountaineer

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OBJECTIVE: To obtain a full-time mechanical engineering position at Medtronic. Available immediately. Willing to relocate.

EDUCATION:

University of Colorado – Boulder August 2001 – May 2005
 Bachelor of Science, **Mechanical Engineering**; GPA: 3.3
 Certificate: **Bioengineering**
 Dean's List – 3 semesters / \$2,000 Scholarships – academic merit

ENGINEERING EXPERIENCE:

MedSource Technologies, Inc., Brooklyn Park, MN May 2004 – August 2004
Manufacturing Engineering Intern

- Coordinated/implemented preventive maintenance system to improve productivity
- Wrote preventive maintenance procedures and justifications for 20+ machines
- Updated process information documents with Quality Control
- Worked with supervisors from 5 departments

Centrifugal Blood Pump – Senior Design Project August 2004 – May 2005

- Redesigned COBE Cardiovascular, Inc. Revolution blood pump with team of seven students
- Recommended "ultimate design" for an efficient next generation pump

Can Launcher - Component Design Project April 2004 – May 2004

- Designed can launcher to hit target 60 ft. away with team of seven students

Tic-Tac-Toe Game - Circuits and Electronics Project April 2003 – May 2003

- Designed logic and created printed circuit board with team of three students

TECHNICAL SKILLS:

3D Modeling and Drafting (SDRC I-DEAS), Visual Basic for Application programming, MathCAD 2001, Matlab 6.0, Mathematica 4.1, EES, AMMS, Oracle, Microsoft Word, Excel, PowerPoint

Leadership:

Student Ambassador, Boulder, CO Sept. 2002 – May 2005

- Guided campus tours and answered questions for 500+ prospective students/ parents

PROFESSIONAL ORGANIZATIONS:

CU Biomedical Engineering Society August 2004 - present
 American Society of Mechanical Engineers (ASME) August 2004 - present
 Pi Tau Sigma Mechanical Engineering Honor Fraternity Nov. 2003 - present

OTHER EXPERIENCE:

Kelly Services Assignment- GE Access, Broomfield, CO July 2003

- Entered data to update Sun Microsystems' information system

Kelly Services Assignment- American Express, Mpls., MN June 2002 – August 2002

- Performed secretarial duties

INTERESTS:

Ultimate Frisbee, flag football, piano, golf, soccer, skiing, rollerblading, hiking, camping, traveling, reading

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- OBJECTIVE** To obtain a full-time, summer internship in mechanical engineering. Available May, 2005. Willing to relocate.
- EDUCATION** University of Colorado at Boulder Expected graduation: 2008
Pursuing BS in **Mechanical Engineering**
GPA: **3.94**
- PROJECT** **COLORADO SPACE GRANT CONSORTIUM** 2004
- Won 4th place in competition
 - Assisted in development of Deployment and Intelligent Nanosatellite
 - Participated on mission operations team with seven students
 - Analyzed satellite parameters and power
- LEADERSHIP** **FUNDRAISING COORDINATOR** 2004 - present
Society of Hispanic Professional Engineers
- Planned three events raising over \$300
- PRESIDENT/ SECRETARY** 2002 - 2004
American Red Cross Youth Corps
- Coordinated bike safety course for 100+ elementary students
- VICE PRESIDENT** 2000 - 2004
National Honor Society
- Organized walk that raised over \$1000 for multiple sclerosis
- COMPUTER** Microsoft Word, Microsoft Excel, Microsoft PowerPoint, C++, Mathcad v. 11, Matlab v. 7, STK
- VOLUNTEER** *Elms Haven Nursing Home* 2003 - 2004
- Assisted 30 elderly with songs, decorations, and food
- City of Thornton* 2003
- Bound 100 books; distributed mail
- College Hall Library* 2001 - 2002
- Distributed prizes for summer reading program; sorted books
- Skyview Elementary* 2000 - 2001
- Assisted 30 students with spelling, crafts, and reading
- HONORS** Academic Achievement Scholarships - \$10,500 2004
Outstanding Student of America 2004
Physics Student of the Year 2003 -2004
Colorado School of Mines Medal of Achievement in Math and Science 2003
Science Student of the Month 2002 -2003
- ACTIVITIES** Women in Engineering Program 2004 - present
Multicultural Engineering Program 2004 - present
Spanish National Honor Society 2001 - 2004