

Current Address
910 East Fifth Street
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Permanent Address
700 North 20th Avenue
Phoenix, AZ 85021
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STEPHANIE MERRY CARE

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OBJECTIVE

To obtain a summer internship in the Mechanical Engineering field

AVAILABILITY

May 13th 2002 - August 16th 2002

EDUCATION

1999 - 2003 The University of Arizona Tucson, AZ
BS/Mechanical Engineering - Honors College
➤ 3.44/4.0 GPA

RELEVANT EXPERIENCE

2001 - Present NASA Space Grant Consortium Tucson, AZ
Intern

- Designing vacuum case for CMOS camera development board in Pro/ENGINEER and AutoCAD for light weight, low power stellar attitude estimation
- Integrating thermoelectric coolers to meet temperature constraints of board during operation

2001 Summer Boeing Satellite Systems El Segundo, CA
BS Engineering Student Intern

- Referenced drawings and personnel to write Ground Support Operations move roster and pack and ship production planning manuals for 601 and 702 spacecraft lines
- Reformatted archived Microsoft Excel files and manipulated existing data

2000 Academic Year The University of Arizona Garbage Project Tucson, AZ
Research Assistant

- Organizing, entering, and manipulating data in Microsoft Excel
- Collecting and measuring data in field and laboratory environments

2000 Summer City of Phoenix Engineering and Architectural Services Department Phoenix, AZ
Engineering Tech Intern

- Cross-referenced detailed construction plans to every street impacted by the type of construction performed in an extensive indexing system
- Wrote a detailed report of the volume, type, and timeline for indexing these plans
- Operated large volume Oce' reprographic equipment to produce oversize construction drawings and aerial photographs

TECHNICAL SKILLS

AutoCAD	Programming in C
Microsoft Office	Unix proficiency
Pro/ENGINEER	Working Model
Pro/MANUFACTURING (NC mill)	

AWARDS RECEIVED

Alhambra Foundation for the Future Scholarship, Engineering Dean's List, Ford Credit Drives America Scholarship, Glendale Union High School District Achievement Above All Award, KPHO Phoenix Channel 5 "Great Kid", University of Arizona Provost Scholarship, University of Arizona Achievement Scholarship, University of Arizona President's Scholarship, University of Arizona Tradition of Excellence Scholarship

ACTIVITIES

2001 - Present University of Arizona College of Engineering and Mines Ambassador
2001 - Present University of Arizona Student Satellite Project - mechanical designer
2000 - Present American Society of Mechanical Engineers - design contest competitor
2000 - Present University of Arizona Shadowcat - future freshmen mentor and tour guide
2000 Spring Arizona Solar Racing Team Member - car construction and design hand

References Available Upon Request