

Nicholas R. Gosseen
Materials Science and Engineering
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Objective

To gain experience through an internship/summer position in a materials engineering field that will allow me to begin a successful career as a professional engineer.

Work Experience

- K2 Sports R&D Test Intern
 - Conducted various tests on different recreational equipment to analyze strength properties as well as failure initiation. Worked closely with engineers to improve product design to meet production dates. Also aided in the entire production process of snowboard and snow ski prototyping.
- FeMET- Student Assistant Nov. 2005-current Pullman, WA
 - Selected among peers to participate in steels research under professor supervision. Job details include designing steel heat treatments, metallurgical analysis, cost analysis, microscopic analysis of various steels, mechanical testing, and web site development.
- KIP Development May – August 2005 Pullman, WA
 - Responsible for maintaining apartments and grounds independently.
- Alumni Association May – August 2005 Pullman, WA
 - Reached out to alumni to generate donations for WSU.
- Apollo Sheet Metal May-August 2004 Kennewick, WA
 - Assistant welder/pipefitter. Helped in major upgrade of the Umatilla Chemical depot.
- Del Monte Fruit Co. June-August 2002 & May-August 2003 Toppenish, WA
 - Quality/process improvement
 - Completed analysis of canning process and identified critical areas needing improvement.
 - Presented results to senior management.
- Yakima Herald Republic. Jan. 1999 – Jan 2000 Yakima, WA
 - Selected to write for the Yakima Herald among many writers.
 - Wrote articles that were published on local issues.
- Lawn Care/Landscape Seasonal work 1997-2001 Yakima, WA
 - Owned and managed lawn care/landscaping business for more than 20 homeowners.

Courses Completed (or will be completed by May 2006)

MSE 301 – Intro MSE	MSE 302 – Electronic materials
MSE 320 – Materials Lab (structural prop)	MSE 321 – Matls Characterization lab
MSE 312 – Thermodynamics of Materials	MSE 323 – Matl’s Characterization lab
MSE 316 - Kinetics of materials	MSE 401 – Metals

Education

- ❖ 2002 – 2003 Western Washington State University Bellingham, WA
 - 3.8 overall GPA & President’s List Award
- ❖ 2003 – current Washington State University Pullman, WA
 - Certified MSE student – Overall GPA 3.0 (MSE GPA 3.7)

Additional Skills

Nicholas R. Gosseen

Materials Science and Engineering

- Fluent in using inverted optical/SEM/TEM microscopes. (SE, EBSD, EDS analysis)
- Experience heat treating and mechanically testing metals.
- Work very well in either a team or individual situation.
- Fluent with Image J, Microsoft Word, Excel, and Powerpoint.

REFERENCES AVAILABLE UPON REQUEST