

# James Lynch

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## PROFILE

Senior studying mechanical engineering with specific interests in thermodynamics and fluid flow systems. Knowledge of stress/strain, thermodynamic, fluid flow, and finite element analysis principles combined with practical problem solving skills and experience. Experienced group leader with high performance goals.

## EDUCATION

**BSME, Mechanical Engineering** *University of Portland* Expected: May 2005  
**- Minor: Mathematics** Portland, OR Current GPA: 3.59

Relevant Coursework: Computer-Aided Design, Thermodynamics, Fluid Mechanics, Turbomachinery, Measurement and Test, Machine Design, Manufacturing, more...

- Dean's List, 2001-2004
- Experience with Ideas, ANSYS, Solidworks, Office Suite, Matlab, Photoshop
- Computer Language Experience: C++, PHP, HTML, SQL database

## WORK EXPERIENCE

**Blue Road Research** *Web Development,* Portland, OR  
*Intern* June 2004-Present

- Redesigned company web site with new look, information, and features
- Assisted in the lab with optical strain sensor product development and assembly

**University of Portland Computer and Telecommunications Services** *Computer Consultant,* Portland, OR  
*Telecom Technician* March 2002-Present

- Provided telephone and internet service to over 3000 students, faculty, and staff
- Directly assisted with a variety of problems including phone and network issues, computer setup and security, hardware and software problems, and virus infections
- Senior Year: served as Residential Computer Consultant director. Coordinated the efforts of 8 other "RCC's."

**Sears, Roebuck, and Co.** *Customer Service Specialist,* Kelso, WA  
*Main Aisle Cashier* Seasonal, 2001-2003

- Served general customer needs in the paint and hardware departments
- Helped customers make informed decisions on purchases by presenting strengths and weaknesses of tools
- Finalized purchases for customers with sales totaling as much as \$3000 per day

## LEADERSHIP/VOLUNTEER EXPERIENCE

University Committee for Computing and Telecommunications August 2003 – Present  
Student Representative, Executive Advisory Committee

ASME member - Chapter President, formerly Treasurer February 2003 – Present  
Associated Students of the University of Portland Feb. 2003 - May 2004

Senate, Junior Representative, formerly Engineering Nov. 2002 - Mar. 2003  
Collegiate Challenge – Habitat for Humanity