

Michael Purses
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Washington, MO 63090
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Objective Advancing my knowledge and experience in the Mechanical Engineering field.

Education Missouri University of Science and Technology December 2012
B.S. Mechanical Engineering (Emp. Design & Analysis) GPA: 3.254

Experience Melton Machine & Control Co. Dec 2011–Present
 Mechanical Design Engineer Washington, MO

- Design automated robotic welding machines and fixtures for the automotive industry.
- Assemble machines, components, and tooling required to hold exhaust assemblies in place for welding.
- Drafting and quality assurance of the fixtures.
- Interact with customers including GM, Chrysler, Ford, Caterpillar, and John Deere to ensure satisfaction with design of machines.

Songbird Jan 2009–Jan 2010
Quality Assurance Intern San Francisco, CA

- Ran tests to ensure bug-free releases.
- Provided community assistance to developers and customers.

Seedbearers Summers 04–07
Volunteer Perryville, MO

- Church organization providing service to elderly and less fortunate.
- Rehabilitated houses – landscaped, installed siding, painted inside and outside, built decks, installed carpet and flooring, repaired plumbing.

Target Corporation June 2005–Nov. 2008
Sales Floor/Advertising St. Charles, MO

- Provided customer service on the sales floor, in the photo lab and electronics counter
- Operated cash register and handled money as a cashier
- Researched electronics to better serve customer needs
- Constructed Signs and Advertisement

Computer Windows Autodesk Inventor/Vault (4 yrs experience) SolidWorks
Skills Unix NX (5 yrs experience) C++
 Microsoft Office Pro/ENGINEER HTML, CSS, XUL

Honors & Missouri S&T Racing Team (07–10)
Activities Engineers Without Borders (08–10)
 President's List
 College Preparatory Studies Certificate
 President's Excellence Award
 Gold Service Award