

Student Who Graduated 3 Years Ago And Wants to Change Jobs

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Objective

Seeking a position as a product or applications engineer within a professional environment providing opportunity for growth and career advancement. **[HmMm. I think this could use some tweaking—this statement doesn't say much about you or your personality, your skills, or your desires. What is a "professional environment," anyway? ☺ You might consider heading to Borders or Barnes and Noble and taking a look at their "careers" and "resume" sections. The books I've found most helpful are the ones like *The Resume Handbook* and *101 Best Resumes*. Most of these books are organized by profession, so you might look under engineering and see what sort of objective statements are included as examples.]**

I also just Google searched for +resume +"mechanical engineer" and found a couple of objective statements I thought worked well:

Seeking a challenging and rewarding upper-level position in a growth-oriented organization that offers diverse job responsibilities in mechanical engineering and will fully utilize my technical and managerial abilities.

Professional research and development position in IC engines industry; interests include experimental optimization, emissions testing, test cell engine development, engine calibration and testing, product design and development.]

Education

B.S., Mechanical Engineering, 2001
Michigan Technological University, Houghton, MI

[You may be too far out of the gate to do so, but you might consider adding some course titles and project/work descriptions here. If you're not sure whether or not your "Experience" section covers all your skills, abilities, and your background, adding a list of relevant coursework can work well in this section. Here are a couple of examples:

http://resumes.hotjobs.com/amit_gurjar/amitgurjar

<http://www.nimitz.net/resume/randy.html>

<http://brads.home.mindspring.com/Subdocs/resume.html>].

Experience

Takata, Automotive Systems Laboratory, Inc., Armada, MI
Applications Engineer, 2001 - Present

- Lead engineer for next generation passenger air bag inflator program for domestic customers. Developed inflator to meet the USCAR inflator specification for Ford and DaimlerChrysler.
 - Develop DFMEA and FTA for inflator programs.
 - Present designs for global design reviews.
 - Assist production in making changes for ease of manufacturing and cost reductions.
 - Oversee testing for Design Verification and Production Validation. Write and release DV and PV reports.

- Release drawings for production.
- Conduct tolerance stack-ups.

[Is this list organized with the MOST important/crucial job listed first and the least important listed last? If not, reorganize the lists of job duties. The first bulleted item should always be the most impressive or important job duty.]

- Platform engineer for current side impact and stored gas inflator.
 - Build prototype parts.
 - Release drawings for production.
 - Oversee testing for Design Verification and Production Validation. Write and release DV and PV reports.
- Associate engineer for current driver inflator.
 - Build prototype parts to test a new idea.
 - Release drawings for production.
 - Assist in solving manufacturing challenges.
 - Oversee testing for Design Verification and Production Validation. Write and release DV and PV reports.
 - Develop margin test plans and conduct testing.

Delphi Automotive Systems, Flint, Mi

Product Engineer Intern, Fuel Modules, Summer 2000

- Characterized new jet pump design, establishing its boundaries. Tested component retention using an Instron machine for tensile and compression tests.
- Converted existing Ford fuel system to use Delphi components and compared new system to the existing production application.
- Validated a jet pump for production on a Saturn SUV application (Vue).
- Determined a solution to keep umbrella valves from being pulled out of the strainer on the series 4000 production module.
- Presented summer project details to supervisors.

[You can lose some of the articles and other extra words here—it's not grammatically correct, but in resumes you can use tighter phrases rather than complete sentences.]

Delphi Automotive Systems, Flint, MI

Product Engineer Intern, Fuel Modules, Summer 1999

- Tested series 5000 MRA return line jet pump for performance and created graphical analysis of performance.
- Completed jet pump tests to compare performances of prototype to the existing model.
- Presented summer project conclusions to supervisors.

Skills

- Proven problem-solving skills that allow me to be proactive as well as reactive as challenges are encountered.
- Team player, self-starter, desire to learn.
- Organized, able to manage multiple projects and meet deadlines.
- Hands on mechanical ability. Adept using machine tools such as a lathe, mill, and drill press.
- Experience with AutoCAD release 12, Pro Engineer version 18, Unigraphics v. 16.
- Proficient with Microsoft Office including Word, Excel, Outlook, Access, and Power Point.

Training

[I'd consider reorganizing—have "Training" come before "Skills."]

FMEA Training, 2003
AIAG, Southfield, MI

Implementing Failure Mode & Effects Analysis (FMEA). Provided by Plexus Corporation, the professional training company authorized by the DaimlerChrysler, Ford Motor Company, and General Motors Supplier Quality Requirements Task Force and AIAG.

References Available Upon Request