

Robbie Pyle

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Education

University of California, Santa Barbara
Bachelor of Science in Mechanical Engineering

Professional Skills

- Experience in design and manufacturing Engineering
- Experience repairing, designing, and building various types of machinery
- Experience in sales and marketing
- Excellent client management skills

Computer Skills

Adobe Illustrator, C, C++, HTML, Linux, Excel, MS Word, AutoCAD, SolidWorks, MasterCAM, Adobe Photoshop, and COSMOS.

Professional Experience

Stoptech Engineering, Design/Application Engineer, Compton, CA

Feb 2007-present

- Design high performance brake systems for various vehicle applications, using primarily Solidworks.
- Design logos for packaging, components, and marketing.
- Conduct dynamic vehicle testing per FMVS in order to evaluate performance and NVH.
- Work with customers to help establish current and future application solutions.
- Consult potential customers on available solutions and product features.
- Perform cost study analysis and establish secondary or replacement suppliers.
- Perform infield test fitment, installation, and analysis of prototype systems on customer vehicles.
- Construct PFMEAs and DFMEAs for various new processes and large scale projects.

Advanced Metalforming Technologies Manufacturing Engineer, Oxnard, CA

Jan 2006-Feb 2007

- Design and build a wide variety of holding fixtures for CNC.
- Design Aluminum wheels and components using Solidworks.
- Help maintain a Fanuc robotic cell.
- Source tooling and create setup sheets for manufacturing of light weight forged aluminum wheels.
- Assist in sales engineering and marketing.

Rando Productions Mechanical Design Engineer, North Hollywood, CA

Oct 2005 – Jan 2006

- Help design Special effects for a Hong Kong attraction.
- Design using AutoCAD and Solidworks.
- Work in team environment with scheduled deadlines.
- International product sourcing.