
POLYMER ENGINEER RESUME

Objective:

Seeking a full-time position where my skills in and experience in polymer and materials science and engineering will be fully utilized in meeting the company's stated mission and goals.

Education:

M.S in Polymer Engineering and Science, 2002
Stanford University

B.S in Polymer Engineering and Science, 1999
Stanford University

Skills:

- Skilled in plastics processing, testing and analytical techniques
- Vast experience with polyurethanes, polycarbonates, silicones, and epoxies.
- Very good knowledgeable in polymer blends development methodology
- Expert in failure theory and modes for plastics, elastomers, and metals
- Analytical and detail-oriented worker
- HTML, SQL, UNIX, Java, CC+, AJAX

Professional Experience:

- Senior Polymers Engineer, 2008-present
- The Hale Group, Ltd., Alpine, CA

Responsibilities:

- Invented silicone polymers and heat transfer analysis.
- Designed metal polymer hybrid tooling for scaling up of new processes.
- Synthesized micro injection molding and analyzed its properties.

- Jr. Polymers Engineer, 2005-2008
- Halewood Int'l. Limited, Alpine, CA

Responsibilities:

- Developed tooling and processed for nano and micro-scale replication.
- Processed development for nano-scale replication.
- Evaluated methods for crystal growth by 2-D particle size.

- Asst. Polymers Engineer, 2002-2005
- Hallex Corporation, Alpine, CA

Responsibilities:

- Invented silicone polymers and heat transfer analysis.
- Designed metal polymer hybrid tooling for scaling up of new processes.
- Synthesized micro injection molding and analyzed its properties.

- Jr. Polymers Engineer, 2005-2008
- Halewood Int'l. Limited, Alpine, CA

Certifications and Affiliations:

Society of Plastics Engineers (SPE)
American Chemical Society (ACS) Rubber Division

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