



Evolution Robotics

Employment Opportunity Profile

130 West Union Avenue • Pasadena • California 91103 • (626) 535-2825

Sr. Manufacturing Engineering Manager Evolution Robotics Pasadena, California

Position Summary as of February 13, 2008

Title: Sr. Manufacturing Engineering Manager

Reports to: Management Team

The Company:

Evolution Robotics, Inc. is a robotics company that is developing break-through technologies that are revolutionizing robotics for the mass market. The recent convergence of low-cost mobile computing, wireless communication, and sensing technologies has not only made the development of mobile robotic products possible, but also economical for mainstream usage. Evolution Robotics develops breakthrough solutions for making machines sense and act autonomously. We partner with consumer electronic companies to augment the capabilities of their products, such as the Sony AIBO(r) dog or the WowWee robotic toys, or create entire new robotic products such as the eVac robotic vacuum cleaner from Sharper Image.

Evolution is a recognized leader in the industry and the academic communities. The company has assembled a world-class management team composed of leading robotics experts and consumer products business leaders to make the company's vision of providing useful robots at affordable prices a reality.

The Evolution Robotics team operates in a highly dynamic and very collaborative environment where the flow of ideas is encouraged from all parts of the team. The team of extremely talented engineers and scientists at Evolution has created a unique and highly stimulating and fun work environment. This team challenges the status quo in technology and pushes the envelope on what may seem impossible.

Evolution Robotics is an operating company of Idealab!, a technology incubator known for having started many successful companies like Overture and CitySearch. We are located in the beautiful and sunny Pasadena, in Southern

California. Hosting scientific institutions like the California Institute of Technology and the Jet Propulsion Lab, and national events like the annual Tournament of Roses, the city is considered the main cultural center of the San Gabriel Valley.

Position Purpose:

Evolution Robotics is in the process of scaling their manufacturing activities for their line of intelligent sensors, and they are looking for an engineer with proven managerial skills, that in the course of his/her career has been involved with several aspects of the production cycle for consumer electronics products. The job responsibilities will include the following activities:

- Manage Evolution Robotics manufacturing activities.
- Manage relationship with Contract Manufacturing companies, including negotiating manufacturing agreements and evaluating CMs performance over time.
- Ensure assembly costs are within expectations.
- Provide quality and assurance of supply based on given forecasts.
- Implement systems and processes for improving accuracy and timeliness of delivery.
- Design and implement product testing processes and fixtures (HW and SW)
- Work with engineering team to create and manage all necessary manufacturing documents.
- Direct CM team during pilot and volume production runs.
- Participate in defining the company's manufacturing strategy and scaling the manufacturing team.
- Conduct audits and reviews of prospective and existing contract manufacturing companies.

Requirements:

- 10 years of experience in manufacturing, preferably in the consumer electronics market, with relevant past experience in the role of manufacturing engineer.
- Familiar with common design for manufacturing/manufacturing best practices.
- Familiar with SMT, wire bonding, COB, heat staking, ultrasonic bonding, injection molding.
- Familiar with equipment and processes for PCB testing.
- Possess excellent leadership, communication, and interpersonal skills.
- Fluent in English and Mandarin.
- Willing to travel to Asia and spend large amounts of time overseas.

- **Minimum Degree:** BS in Electrical Engineering or Manufacturing Engineering (in this case, the candidate should show basic understanding of circuit design).

Nice to have:

- Experience with PLM systems (Omnify).
 - Working knowledge of LabVIEW.
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INTERESTED CANDIDATES SHOULD SUBMIT THEIR RESUME AND SALARY HISTORY TO: careers@evolution.com

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