

Engineering Technician

Job Description:

Well funded start-up company with advanced non-volatile (spin-transfer torque) STT-RAM magnetic memory technology seeking engineering technician to work on magnetic device fabrication. This is a challenging and rewarding position for an experienced engineering technician who wishes to expand his or her role and responsibilities in a start-up company environment.

Responsibilities:

- Support Grandis engineers in all research and development activities, from magnetic thin-film deposition to wafer fabrication.
- Responsible for daily operational excellence of advanced sputter deposition, annealing and other process and characterization equipment in Grandis wafer fab.
- Fabricate test devices in Grandis and other local wafer fabrication facilities to support development of innovative materials and structures for next-generation STT-RAM.
- Accurately document processes and experiments, and assist engineers through feedback of process issues and recommendation of possible solutions.

Required Skills:

- Hands-on experience with wafer fab processing equipment including thin-film sputter deposition, ion beam etch, reactive ion etch, photolithography.
- Experience with standard metrology tools for thin metal and dielectric film thickness measurement, plus optical and SEM imaging.
- Experience with magnetic measurements on thin films (VSM, MOKE) and devices (quasi-static and high-frequency testing) is a plus.
- Fast learner of tool operation and wafer fabrication processes.
- Basic computer skills including Windows OS, networking, MS Office (Word, Excel, PowerPoint), and electronic mail.
- Self-motivated, good teamwork skills, ability to multi-task, work and communicate effectively in fast-paced environment.

Required Experience:

Extensive experience (> 5 years) as an Engineering Technician in a clean room wafer fab environment in the magnetic storage industry or semiconductor industry.

Required Education:

Associate's or Bachelor's degree in Electronics, Mechanical Engineering or related field.

Compensation:

We offer a very competitive compensation package that includes a stock option plan and a patent bonus program. Employees also receive medical, dental, vision and life insurance fully



paid by the company, as well as a 401K plan. This position is located in Milpitas (Silicon Valley), California.