Our innovative and growing company is searching for experienced candidates for the position of staff design engineer. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don't fill all of the qualifications, you may still be considered depending on your level of experience.

Responsibilities for staff design engineer

- Leads cross-functional project team through all phases of the product development process, providing guidance and mentorship to less experienced team members
- Plans and executes projects from concept through launch
- Responsible for evaluating and performing engineering change requests as required
- Develop full chip design methodologies and flow to pass down the design constraints to hierarchical sub blocks
- Run Physical design verification flow at Block / full chip level and provide guidelines to fix LVS/DRC violations to COE owners
- Participate in Methodology/flow development for chip integration which include correct by construction designs
- Experience working with small geometry BCD processes is a plus
- Design and synthesize advanced circuits and systems for preamplifier integrated circuits for use inside the HDD's
- Work with internal teams to schedules that meet business needs
- Design, develop, and document fixtures and equipment components required to meet process goals from concept to implementation within a regulated quality system

Qualifications for staff design engineer

- Experience with ISO requirements and GMP guidelines, FDA regulations, medical device design control, and manufacturing scale-up processes a plus
- Mentor junior members of the design team towards improvement of their skill-set and productivity
- 10 years of End-to-End design engineering experience including Micro architecture, design implementation in RTL followed by timing closure of complex designs such as HBM and or DDR memory controllers
- Requires proven track record in technical leadership and management of a small team
- Provides in-field assistance to other engineering groups to ensure accurate understanding of customer requirements by acting as subject-matter expert, and leading technical discussions/presentations