



## MTS FPGA Engineer

Everspin Technologies is searching for exceptional candidates to fill an Engineering position in Advanced MRAM development.

### Job Description:

In this role, working closely with all teams, you will define, architect, and develop modules based off of Everspin's ST-MRAM. The role will also include supporting the debug and validation of the ST-MRAM chip products.

### Responsibilities:

- Support development of nvNITRO product line
  - RTL, DV, FPGA optimizations and lab debug as needed
- Become internal expert on what it will take to extend nvNITRO line to support OpenCAPI
  - Own, architect, and develop as needed
- Become internal expert on Gen-z
  - Determine what can be done to support PoC and eventual products
  - Develop PoC vehicles
- Provide direct customer support when needed through Sales / Field Applications team.
- Create compelling demonstrations of Everspin's ST-MRAM technology

### Desired Qualifications:

- Bachelor's degree in Electrical Engineering, Computer Engineering or Computer Science
- Minimum of 10 years of experience
- Excellent understanding of Hardware description languages (VHDL, Verilog) and FPGA design flow
- Strong programming/scripting skills across a variety of languages: C, C++, Perl, Python
- Familiarity with high-speed memory system design. Prior DDR experience a plus.
- Familiarity with high-speed system interconnects and protocols such as PCIe and NVMe is necessary. Exposure to OpenCAPI, CCIX and or Gen-Z is a plus.
- Experience operating various lab equipment: logic analyzers, oscilloscopes, protocol analyzers, etc.
- Experience with board-level development / bring-up / debug a plus.
- Performance measurement and analysis experience
- Prior experience with FPGA development and prototyping is a requirement
- Willingness to wear multiple hats in a startup like environment

**The Company**

Everspin Technologies is the world's first volume MRAM supplier and continues to lead the industry by advancing the technology and expanding its MRAM product portfolio. The open position is at the company headquarters located in Chandler, Arizona (greater Phoenix metropolitan area). It is a salaried position that includes benefits including: medical, dental, vision plan, paid time off, and a 401k retirement plan.

**Contact**

Please send resume to [jobs@everspin.com](mailto:jobs@everspin.com)