Our company is growing rapidly and is looking to fill the role of staff engineer / senior 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 engineer / senior engineer

- Technical Lead of R&D Cooperation projects with Key Start-up partners
- Participate in the design, prototyping, and validation of new concepts and production solutions
- Collaborate with cross-functional teams and external vendors
- Research new materials, manufacturing technologies, and design methodologies
- Perform Finite Element and analysis and modeling using LSDYNA, ABAQUS, ANSYS, and/or NX Nastran
- Will contribute to the technical portions of new engineering proposals
- Will apply engineering principles/concepts to solve problems and make modifications as necessary
- Displays ingenuity and predilection toward independent problem solving
- Will understand the flow down of requirements through system specifications down to the software modules
- Designs are expected to be compliant with regimented flow-down, cost-effective, manufacturability, testable and fully documented in accordance with engineering procedures

Qualifications for staff engineer / senior engineer

- Perform DOE splits for process margin study and improvement, DOE for

- To monitor and work with PI/UPS to ensure stability of PCM/Inline/DD trends and parameters
- Identify product or technology, or process margin related problem and work with PI/UPS/T to resolve
- Knowledge of Place and Route Algorithms or NOC Compiler
- Ability to quickly learn new platforms and prototype evaluation software and system
- An awesome attitude and passion for solving complex problems