Our company is hiring for an embedded software development. To join our growing team, please review the list of responsibilities and qualifications.

**Responsibilities for embedded software development**

- Generate complete software development life cycle artifacts for embedded software in support of electrical power systems in accordance with aviation guidelines
- Coordinates the design, development and testing of new applications, interfaces
- Prepares, reviews and approves documents, including requirements analysis, design, unit testing plans, release notes and user guides
- May interact with clients to define system requirements and/or necessary modifications
- Delivers training, supervision and mentoring to the software development team
- Responsible for LED driver power stage and control circuit design & hardware debugging skills
- Topology selection such as buck, boost, buck-boost or fly-back selection in terms of different application
- Key components design and selection, like inductor, transformer design & power semiconductor selection & verify
- Power stage components loss analysis
- Drafts limited continuous improvement projects within one development unit or laboratory

**Qualifications for embedded software development**
• Basic knowledge of at least one programming language (C, Matlab/Simulink)
• Basic knowledge of electric and electronic circuit
• Basic knowledge of network and data link (CAN, J1939, Ethernet)
• IPA Embedded Systems Specialist Examination (ES) or similar credentials