**Embedded Software Engineer**

*Let your career fly first class with Alto Aviation, a growing, unique company where you’ll be challenged, supported, and empowered*.

You will have the opportunity to work in a small team environment, working with experienced acoustic engineers. The candidate will experience a range of tasks and responsibilities and will play a major role in the completion of projects. We are looking for someone who enjoys working as part of a team with a positive attitude and a high level of organizational skills. Qualified candidates must reside within commuting distance to Jupiter, FL or Sterling, MA.

ALTO Aviation designs and manufactures a variety of products, including cabin management systems, and is the established leader of high-end aircraft entertainment audio systems for business and private aviation. Founded in 1997, ALTO provides a stable, challenging, and rewarding work environment with a talented and dynamic team of committed individuals.

**Position Summary****:**

The Senior Software Engineer will be responsible for supporting the accurate and timely completion of Alto engineering projects. They will participate in the creation and development of concepts utilizing their analytical and interpersonal skills to communicate with customers, executives, and engineers to reach a consensus regarding project requirements, expectations, and final production.

**Essential Duties and Responsibilities:**

* Analyze complex technical problems and propose designs of comprehensive solutions.
* Contribute to all phases of the product software lifecycle, including requirements. analysis, design, implementation, automated test, release, support, and documentation.
* Enhance processes and to improve quality and increase efficiency by focusing on continuous improvement.
* Design, implement and deploy embedded software for new products that include technologies like Bluetooth, Active Noise Reduction and mobile app interfaces.

**What you bring**

* A bachelor's degree in software engineering, computer science, or a similar field is required.
* Strong experience with Embedded Linux and RTOS.
* Strong development-level experience with Python, C or C++ on Linux.
* In depth knowledge of C++ and OS Kernel, Driver Development.
* Strong low-level OS internals and concepts.
* Strong low-level Bootloader internals and concepts.
* Experience with build systems such as CMAKE and Yocto.
* Ability to troubleshoot with gdb and other tools.
* Familiarity with git source code repositories and branches.
* Must possess excellent problem-solving and critical thinking capabilities along with the technical expertise to provide for credible leadership.
* Must possess strong attention to detail and can multitask effectively.
* Proficient with a variety of programming languages to solve software issues as soon as they arise.
* Must possess excellent organizational, verbal, and written communication skills.

**What we bring:**

* Friendly engaging organization promoting work-life success
* A positive workplace culture offering opportunities for growth and advancement
* Management team committed to providing a collaborative and autonomous work environment
* A company that thrives on trust and respect for all individuals
* High level of transparency providing you control over your career
* 401(k) retirement plan with company-matching benefit
* Medical and dental insurance
* Employer paid life, short/long term disability, and AD&D insurance
* PTO accrual of at least 24 days, including holidays, starting at date of hire

\*Please provide salary requirements with your application