

2022 Sr. Controls Engineer

Everything we know about food service is going to be redefined with IoT, robotics, AI and machine learning entering the kitchen. We are creating a future that will increase productivity and lower costs with unprecedented quality. Join the creators.

About the Role

L2F is seeking a highly motivated candidate to join its growing Engineering team. We are creating robotic systems that will revolutionize commercial kitchens. As a Sr. Controls Engineer you will be part of a cross-functional development team with responsibility for system control architecture, including algorithm development. This includes:

- Defining custom automation systems - flow diagrams, state machines, and software architecture.
- Performing control tasks - programming of robots, PLCs, HMIs, VFDs, servo & motion systems, control networks and PC based solutions in industrial applications.
- Providing pre- and post-sale technical support directly to customers including on-site application engineering and operator training.
- Creating and managing design documentation including troubleshooting and operation manuals.
- Maintaining current knowledge of new products and applications through self-study, hands-on testing of demo units, and periodic training.
- Contributing regularly to the product definition and design in partnership with Product Management, Operations, Sales, R&D, and partner engineering teams to deliver a successful product design and launch.
- Participating in the generation and review of intellectual property.
- Traveling to support clients and installations 20%-30%.

A highly qualified candidate is/does:

- BS/MS in Computer Science, Electrical Engineering, or related field; Mechatronics/Robotics minor/major is a plus.
- 5+ years experience as a Controls Engineer in an commercial/industrial market.
- Skilled in C/C++, Python programming and real-time / embedded system design, debug, and testing in an Embedded Linux / RTOS environment
- Skilled at integration of industrial automation products - robots, conveyors, pneumatic systems, etc.
- Demonstrable skills in selection of electronic components - sensors, feedback, motors, power supplies, etc.
- Can design experiments and perform analysis of empirical data to draw design direction.
- Demonstrable track record of creating production designs and software, expert version control skills.

If you live for:

- Doing the math. You passed the classes, now put it to practice!
- Developing complex multi-discipline systems as part of a cross functional team.
- Driving the detail design of software systems - *getting the details right*.
- Producing efficient, innovative, and optimized solutions.
- Designing and building proof of concepts for novel designs - then seeing them through to production release.
- Actively participating in your designs coming to life, building and testing the system you designed.

We'd like to talk to you!

Location: In-house position based in Fremont, CA

What to expect from us

The job description is fluid, the candidate must be flexible and ready to do what is required for the company to succeed! You'll be ensured a competitive salary, full benefits, and an outstanding opportunity to grow with an execution focused, fast moving company.

L2F Inc. is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, religion, color, national origin, sex, age, status as a protected veteran, or status as a qualified individual with disability. EEO Employer/Vet/Disabled
