



CUBISCAN[®]

EMBEDDED/PC PROGRAMMING AND IMAGE PROCESSING

Quantronix, a Davis County Utah manufacturer of cubing and weighing systems, seeks a full-time embedded programmer to assist the Research and Development and Engineering departments with researching, conceptualizing, and developing new products using various sensing technologies including 3D imaging cameras, distance sensing devices and other technologies.

RESPONSIBILITIES

- Identify, select, and test emerging and existing vision and sensor-based technologies to be used in new products.
- Research and use techniques, algorithms, and processes for interfacing with and using sensors and/or cameras.
- Create high-level proof-of-concept processes and programs.
- Assist in the creation of production program implementation.
- Embedded firmware development in vision-based and sensor-based systems as well as other embedded development.
- Perform other duties as needed.

QUALIFICATIONS

- BS, MS or PhD in Electrical Engineering.
- Strong C, C++, and C# programming skills.
- Strong coding organization skills and writes readable code.
- Cubiscan uses Windows, and bare metal programming techniques, experience with embedded Linux would be desirable for future options.
- Prefer experience with image processing.
- Prefer experience with open-source libraries such as OpenCV, PCL, OpenGL.
- Prefer experience with point cloud manipulation and programming or 3D modeling.
- Familiarity with programming interfaces like SPI, I2C, uart, usb, ethernet etc.
- Familiarity with App development for Apple and Android devices desirable.
- Familiarity with HDL languages for FPGA programming.
- Self-motivated, positive attitude, good interpersonal skills, and ability to work well with others.

OFFER

We offer a competitive base wage and benefits commensurate with experience and ability.

APPLY

E-mail your resume to Brandon Taylor: btaylor@cubiscan.com;

ABOUT QUANTRONIX

The Quantronix product line, Cubiscan, is sold world-wide and has strong name recognition in major warehouse and transportation industries. We are an employee-owned company based in Farmington, Utah, and have partners or resellers in around twenty countries on six continents. We are committed to creating, producing, and supporting high-quality, cutting-edge equipment.

Visit our website to learn more about our business at <http://www.cubiscan.com>