POSITION ANNOUNCEMENT
Embedded Processor Engineer

Description: Bridger Photonics, Inc., seeks an Embedded Processor Engineer to significantly contribute to their research and product development efforts pertaining to state-of-the art distance measurement, metrology, gas sensing, and advanced imaging technologies.

Responsibilities include, but are not limited to: Contributing significantly to a team of engineers, scientists, and technicians on new technology development from conception through R&D to production of reliable commercial products, efficient development and debugging of FPGA logic and embedded code, controlling and versioning of software and firmware packages, developing logic and firmware for real-time processing and exploitation of 3D imagery gathered with lidar sensors, creating software and firmware test procedures, developing algorithms and processing data, writing technical reports, preparing and giving customer presentations.

Required qualifications:

- BS or higher in Electrical Engineering, Computer Engineering, Computer Science, or related field,
- experience with FPGA design, preferably for Xilinx and/or Altera using Xilinx Vivado or Altera Quartus Prime,
- demonstrated hands-on programming experience in languages including C, C#, C++, Java, etc.,
- embedded processor programming experience (ARM, MCU, etc.),
- demonstrated competency interfacing software with hardware components such as ADCs,
- excellent oral and written communication skills, and the ability to interact effectively with customers for troubleshooting and product development purposes,
- excellent work ethic with the willingness to work hard and efficiently in fast-paced environment,
- ability to take initiative and work independently on assigned projects.

Preferred qualifications:

- >2 years experience designing and implementing complex embedded processing solutions based on FPGA logic,
- experience using Linux in embedded systems,
- experience with digital signal processing using DSP platforms,
- experience with digital signal processing using GPU hardware and CUDA programming,
- expertise in Matlab,
- demonstrated expertise and proficiency with Altium or similar electrical design software.

Additional Information:

- This is a full-time, salaried position. Occasional travel may be necessary.
- Salary is commensurate with education, experience, and skills. Bridger Photonics, Inc. offers excellent health, dental, and retirement benefits.
- Bridger Photonics, Inc. is an Equal Opportunity Employer and will not discriminate against any employee or applicant for employment because of race, color, religion, disability, sex, familial status, or national origin. U.S. citizenship required.

For full consideration, please submit the following by **Monday, November 5, 2018:** (a) cover letter identifying the position you are applying for and your interest in the job, (b) resume, and (c) two relevant professional references. Please submit application materials via **email** with the job title in the subject line to: hr@bridgerphotonics.com

About Bridger Photonics, Inc.

Bridger Photonics is a recognized world leader in coherent, high-resolution, absolute distance measurement and imaging technologies. We create sound and innovative solutions together with our customers and partners to meet their Metrology and Security & Defense objectives. We are driven by a desire to create innovative distance measurement products that advance society and significantly enhance our customers' measurement capabilities.

Located in the heart of southwestern Montana's Rocky Mountains, Bozeman, Montana offers unrivaled outdoor opportunities for skiing, hiking, climbing, biking, rafting, and camping; an outdoor enthusiast's dream. Yellowstone National Park is just a 1 ½ hour drive from our doorstep. Our community also offers an exceptional educational system, an infrastructure for successful technical businesses, and many cultural and sporting events. For us, these factors help make Bozeman the ideal place to live and work.