Position Title: SOFTWARE ENGINEER
Company: Pine Research Instrumentation, Inc. (www.pineresearch.com)
Location: Durham, North Carolina, USA

Description: This position encompasses new product design, development, test, deployment, maintenance, and technical support for Pine's scientific applications and utilities that create, collect, store, display, manipulate, and analyze multi-channel data from laboratory instrumentation. **This is not a remote work position.**

Key Responsibilities:
- Develop and support (full life cycle):
  - Microsoft Windows-based desktop applications used to control instrumentation produced by Pine and other manufacturers and process data collected by those instruments.
  - Additional software utility applications that support the primary applications above, such as those to aid in the manufacture and testing of instrumentation produced by Pine, installation of application and driver software, and field diagnosis and updates.
- Participate in new and ongoing product development.
- Produce documentation regarding this software when required, both internal function and user guides.
- Develop working knowledge of Pine's electrochemical product line (potentiostats, rotators, and accessories).
- Interact with customers in both a "technical support" context as well as a "sales" context.
- Travel one week per year possible to tradeshows and/or customer sites.
- Work on-site with other team members.

Minimum Job Requirements:
- Bachelor's degree in computer science, computer engineering, or a closely related field.
- Minimum of two years of relevant, demonstrable industry professional work experience.
- Strong C++ skills, including substantial object-oriented software development experience.
- Working knowledge of and demonstrated experience with Microsoft .NET framework (C#, C++, and .NET forms).
- Effective interpersonal, communication, presentation, and organizational skills.
- Able to work independently.
- Fluent in English language (verbal and written).
- Auditing high-level graduate school courses in science or engineering at nearby colleges and universities may be required for training purposes.
- Valid USA driver's license.
- Must be legally authorized to work in the USA.

Pine Research Instrumentation, Inc.
2741 Campus Walk Avenue
Building 100
Durham, NC 27705 USA

PH: +1 919.782.8320
FAX: +1 919.782.8323
pineresearch.com

Preferred Skills and Experience:

- Experience with production of commercial-grade, user-ready software.
- Use of a source code control repository (SVN/TortoiseSVN preferred).
- High-speed data acquisition and generation (up to 50MHz).
- USB and/or Bluetooth communications/API/drivers.
- Microsoft Windows applications installer development.
- Basic knowledge of digital and/or analog electronic circuits.
- Microsoft Windows device driver development.
- Real-time embedded systems firmware experience.
- Linux/UNIX or MacOS/OSx application development experience.

Working Environment:

Pine's innovative products are found in government, academic, and industrial research laboratories around the world. As a member of our organization, you will be part of a close-knit team who enjoy working together to create excellent products for our customers. We provide a professional and dynamic work environment and offer a competitive salary and benefit package.

Normal office environment: 75% sitting; 25% standing, walking. This is not a remote work opportunity. Use of normal office, computer and associated equipment.

US and international travel (as determined): driving, air and other forms of transportation as necessary.

EEO/AAP Employer
Applicants who do not meet the basic qualifications for the position will not be considered.