

PHASE MATRIX
109 Bonaventura Drive
San Jose, CA 95134
Ph: 408-428-1000 Fax: 408-428-1500

THE COMPANY

Phase Matrix, Inc. was founded in 1999 and purchased substantially all the assets of EIP Microwave, Inc., a long-established manufacturer of microwave test and measurement instruments. These products are highly accurate electronic tools used in the development, manufacture and field maintenance of a wide variety of commercial communications and defense electronics systems worldwide. Phase Matrix produces and markets selected EIP products as well as developing and manufacturing products for major OEM customers. For more information, visit www.phasematrix.com.

Position Description

LabVIEW Test Engineer

DUTIES:

- Provide design and coding of National Instruments “LabVIEW”, “LabWINDOWS/CV” and “TestSTAND” software for Phase Matrix instruments.

- Drivers
 - Responsible for instrument drivers for all our products using LabWINDOWS/CV.
 - Develop front panels control software for all products.

- Test Software
 - Develop test software for various assembly level tests using LabVIEW
 - Develop software for full system level tests
 - Develop test software for environmental testing of various products

- Applications Software
 - Develop Spectrum Analyzer Software
 - Develop various demo software for various customer applications

DESIRED BACKGROUND AND INTERESTS

Experience in software development in a technology company is required. Strongly desired, would be knowledge of RF measurement techniques, as well as familiarity with the use of microwave test equipment, such as Spectrum Analyzers, Network Analyzers, Power Meters, etc. Another desired attribute would be experience working with industry standard modular instrumentation platforms (VXI, VME or PXI). The ideal candidate will have an abiding interest in software development and digital design as a profession. The individual should have a dynamic ability to get things done but be able to get along with, and gain respect of, a wide variety of people. The candidate should be a lifelong learner, continually bringing new, practical ideas to the job. Most importantly, the individual must be committed to being a contributing member of a team devoted to quality in ethics in all dealings with customers and suppliers.

EDUCATION: AA or AS in computer science or equivalent.

COMPENSATION: Open, depending on qualifications, benefits.