



Electrical Engineer

Sydor Technologies LLC — Location: Rochester, New York

COMPANY OVERVIEW

Sydor Technologies (www.sydortechnologies.com) is a global leader providing comprehensive, customized solutions for the most complex measurement challenges in the defense, energy, security and research industries. We pride ourselves on being a trusted, collaborative partner for our customers while solving technical problems with innovative solutions. Sydor's US based operations specialize in high-speed imaging systems and diagnostics. The company's UK operations specialize in ballistic and impact testing systems, as well as scoring systems. The company operates in 33 countries around the world with its world headquarters located in Rochester, NY.

Sydor Technologies is a high growth, small business, focused on growing organically as well as through strategic acquisitions. The company has been featured as one of the fastest growing companies in Rochester (NY) Top 100 and in the top 25% of Inc. Magazine's 5000 fastest growing companies nationwide. Our success is a testament to our employees and their commitment to customer focus, team work and high performance. Our employees are the best and the brightest in the industry and are the company's greatest asset.

JOB OVERVIEW

Sydor Technologies is looking for a candidate to join our engineering team. The successful candidate will:

- Take a lead role in delivering sound electrical designs to meet project requirements
- Actively research, prototype and deploy new hardware to meet size/weight/power goals
- Perform system testing and validation
- Provide design packages and guidance to PCB vendors and production houses
- Work with our multi-discipline team to coordinate system level objectives
- Take a lead role to manage, update and maintain the electrical CAD library
- Continuously evolve all aspects of system development/testing through process documentation and improving efficiency

Qualifications

- Minimum a B.S. in Computer or Electrical Engineering
- Minimum 5 years of experience in relevant engineering fields

Required Skills

- Schematic capture in the Cadence OrCAD environment
- Layout experience for 6-10 layers in Cadence OrCAD environment
- High-speed or mixed signal circuit design principles
- Knowledge of IPC standards for PCB production/testing
- Experience designing and debugging embedded interfaces (I2C/SPI)
- Prototyping experience for PCB rework, bring-up and debugging
- Experience with oscilloscopes and logic/protocol analyzers

Desired Skills

- Windows applications development (C#, .NET preferred)
- Experience with source control systems (Perforce and Git)
- Experience with OrCAD CIS library concepts
- IPC CID/CID+ certification
- Test automation using C and higher-level languages
- High-speed differential or fiber connections
- Experience with high speed FPGA design/layout

JOB OPENING: Electrical Engineer

Accountabilities

- Provide sound engineering solutions that meet technical requirements
- Effective communication with internal teams and vendors
- Manage project priorities to meet critical milestones
- Commitment to improving the team through new and improved capabilities/processes

Submit cover letter and resume/CV to OPPORTUNITY@SYDORTECHNOLOGIES.COM.

Sydor Technologies is an equal opportunity employer: "M/F/D/V – EOE".