
Application Engineering Intern

Are you passionate about engineering and eager to apply your skills in a real-world setting?

Atom Semiconductor is currently seeking motivated individuals to join our team as Application Engineer Intern. This internship offers an exciting opportunity to gain hands-on experience, work on challenging projects, and contribute to cutting-edge innovations. The role of this position is primarily to characterize precision data converters and ICs, investigate and resolve customers' issues. Responsibilities include but not limited to:

1. Research and develop new board level circuitry, including schematic and layout implementation.
2. Optimize complex analog and digital circuits for various applications.
3. Develop characterization plan and implement evaluation/test system.
4. Develop Precision Converter (ADC/DAC) firmware and host API.
5. Participate in technical evaluations and validations, providing solutions and recommendations.

Job qualifications:

1. Year 3 students in electronic engineering, computer engineering, computer science program
2. Available for either a summer and 1-semester internship or a full-year internship
3. Board level analog and digital signal circuit design.
4. MCU/FPGA Firmware development based on C/C++/Verilog
5. Evaluating circuit performance
6. Solid problem-solving and trouble-shooting skills
7. Familiar with lab instruments such as DMM, signal source and oscilloscope, network analyzers, etc
8. Self-motivated, team player and good communication skills
9. Experiences in below are considered a plus:
 - Simulation/algorithm development tools (MATLAB, Spice)
 - High level languages (LabVIEW, python)

Interested parties please contact and send the application materials or profile to: jenkin.chan@atom-semiconductor.com; attn to Mr. Jenkin Chan.