

# Driving decarbonization and digitalization. Together.



## Power Electronics Control Intern

### Job description

In your new role you will:

- Design Simulink model for current software project.
- Building up test setup for Simulink model/Software and system performance characterization.
- Assist software engineer to draft technical documentation and report.
- Internship position 6-12 months.
- 2~3 times/week working in Xi'an office, or One week in the office very two weeks. (flexible)

### Profile

You are best equipped for this task if you have:

- Degree in Power Electronics, Control theory and control engineering.
- Understanding the working principle of common power electronic topologies, such as Buck/Boost, LLC, NPC2, full bridge
- Have hands-on experience in Embedded software in power electronics application using Microcontroller.
- Good to use MATLAB/Simulink and experience of Model-Based Design approach for embedded software development.

### Benefits

- **Xi'an**, : Coaching, mentoring networking possibilities; Wide range of training offers & planning of career development; International assignments; Different career paths: Project Management, Technical Ladder, Management & Individual Contributor; Flexible working conditions; Medical coverage; On-site social counselling and works doctor, in Wuxi only.; Provision of health tips, health knowledge sharing, annual medical check; Employees in Shanghai are entitled to use a gym located close to the office for free; On-site canteen, in Wuxi only.; Private insurance offers in some sites.; Wage payment in case of sick leave; Corporate pension benefits in some sites.

### Why Us

**#WeAreIn for driving decarbonization and digitalization.**

As a global leader in semiconductor solutions in power systems and IoT, Infineon

### At a glance

Location: **Xi'an, (China)**  
Job ID: **HRC0959050**  
Start date: **as soon as possible**  
Entry level: **0-1 year**  
Type: **Part time**  
Contract: **Temporary**

Apply to this position online by following the URL and entering the Job ID in our job search. Alternatively, you can also scan the QR code with your smartphone:

Job ID: **HRC0959050**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)



### Contact

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enables game-changing solutions for green and efficient energy, clean and safe mobility, as well as smart and secure IoT. Together, we drive innovation and customer success, while caring for our people and empowering them to reach ambitious goals. Be a part of making life easier, safer and greener.

**Are you in?**

**We are on a journey to create the best Infineon for everyone.**

This means we embrace diversity and inclusion and welcome everyone for who they are. At Infineon, we offer a working environment characterized by trust, openness, respect and tolerance and are committed to give all applicants and employees equal opportunities. We base our recruiting decisions on the applicant's experience and skills.

We look forward to receiving your resume, even if you do not entirely meet all the requirements of the job posting.

Please let your recruiter know if they need to pay special attention to something in order to enable your participation in the interview process.

[Click here](#) for more information about Diversity & Inclusion at Infineon.

