

# Driving decarbonization and digitalization. Together.



## Intern - Applications Engineer

### Job description

This opening is part of Infineon's Internship Program. The Internship Program gives you the opportunity to gain enriching and diverse experiences and work side by side with experienced leaders to power your career.

#### In your new role you will:

- Develop **Automation software** for System Validation tests using Python
- **Develop scripts** for lab instrument control and report generation
- Testing and **Validation of Power stage** and **Point-of-Load Devices onboard**
- Responsible for **troubleshooting system / test-related issues** on hardware and software
- **Support and train** other team members with Python automation
- **Support Python Automation** for reliability test equipment in the lab
- Be able to use **lab equipment** like power supplies, oscilloscopes, function generators etc and all the functions and integrate with instrument control

### Profile

#### You are best equipped for this task if you have:

- BSEE or MSEE in **Electrical or Computer Engineering**
- Knowledge in **power conversion topologies**, and power devices
- Knowledge in platforms like **Python or Lab view** that can be used for instrument control
- Good knowledge of **programming in languages** like C or C++
- Hands-on experience in **DC/DC switching power supplies** is a plus
- Lab skills in using **digital oscilloscopes**, function generators and **network analyzers** for the test and debug
- Good written and verbal communications skills, and work effectively in a **team environment**

### Benefits

- **Warwick, RI:** Medical, Dental & Vision Plans; Flexible Reimbursement Accounts (FSAs); Industry leading 401k Employer Contribution/Match; Company Performance Bonus; Holiday Pay & Paid Time Off (PTO); Flexible Working Conditions, Part-time Options; Different career paths: Project Management,

### At a glance

Location:

Job ID: **HRC0855191**

Start date: **Aug 12, 2024**

Entry level: **0-1 year**

Type: **Full 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: **HRC0855191**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)



Technical Ladder, Management & Individual Contributor; Wide range of Training Offers & Career Development Planning; Coaching, Mentoring, Networking Possibilities; International assignments; Basic Life & Dependent Life Insurance; Paid Sick Leave, Accidental Death & Disability Insurance (AD&D) ; Short-term & Long-term Disability ; Employee Assistance Program (EAP) ; Health Promotion Programs ; Reduced Price for Public Transportation

## Why Us

Infineon designs, develops, manufactures, and markets a broad range of semiconductors and semiconductor-based solutions, focusing on key markets in the automotive, industrial, and consumer sectors. Its products range from standard components to special components for digital, analog, and mixed-signal applications to customer-specific solutions together with the appropriate software.

### **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.

### **Driving decarbonization and digitalization. Together.**

*Infineon Technologies Americas Corp., is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex (including pregnancy, childbirth, or related medical conditions), gender identity, national origin, ancestry, citizenship, age, physical or mental disability, legally protected medical condition, family care status, military or veteran status, marital status, domestic partner status, sexual orientation, or any other basis protected by local, state, or federal laws.*

*Employment at Infineon is contingent upon proof of your legal right to work in the United States under applicable law, verification of satisfactory references and successful completion of a background check and drug test, and signing all your onboarding documents.*

*In some instances, if applicable, U.S. export control laws require that Infineon obtain a U.S. government export license prior to releasing technologies to certain persons. This offer is contingent upon Infineon's ability to satisfy these export control laws as related to your employment and anticipated job activities. The decision whether or not to submit and/or pursue an export license to satisfy this contingency, if applicable, shall be at Infineon's sole discretion.*

**Infineon Technologies takes data privacy and identity theft very seriously. As such, we do not request personally-identifiable information (PII) from applicants over the internet or electronically. Please kindly refrain from disclosing your PII electronically during the application process or to unauthorized websites that may purport to be Infineon or any of our affiliates.**

