



Essential technology, done right™

System Validation Hardware Engineer, Internship

ABOUT MARVELL

At Marvell, we believe that infrastructure powers progress. That execution is as essential as innovation. That better collaboration builds better technology. Trusted by the world's leading technology companies for 25 years, we move, store, process and secure the world's data with semiconductor solutions designed for our customers' current needs and future ambitions. Through a process of deep collaboration and transparency, we're ultimately changing the way tomorrow's enterprise, cloud, automotive, and carrier architectures transform—for the better.

The data infrastructure that our customers build has never been more critical to our global economy. It's what's keeping the world connected, businesses running, and information flowing. If you're ready to excel, innovate, and truly enjoy your work, apply now for the position detailed below.

ABOUT THE ROLE

- Execute specific tests and validation activities on available test plans for Board/Chip level silicon validation/characterization on Marvell's internal IPs such as High-Speed SerDes, PLL, ADC, CTLE, etc. Responsibility to verify the working environment, implement test bench automation under guideline from validation lead, execute automatic data collection both using standard bench equipment and customized toolsets.

Detailed responsibilities include:

- Working with validation lead to execute and drive validation activities.
- Develop device controlling SW (knowledge of Python, C++, Matlab, Excel VBA is a plus).
- Perform data analysis and silicon test report routines

ABOUT YOU

- Students (minimum is 2nd year) or fresh engineers in Electrical engineering, Electronics and Communication engineering, Computer Science, Math, Physics, or related fields.
- Knowledge in analog/digital circuit and data communication system.
- Programming skills in Python (preferable) or C/C++
- Analytical skills, logical thinking.
- Good communication skills in English.
- Dedicated and committed to creative problem solving and getting things done.



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- Knowledge of lab instruments like DSO, SSA, VNA... (Nice to have)

BENEFITS

- Competitive compensation and benefit package
- Exciting internal events
- Hybrid work model

HOW TO APPLY

Please send your CV to ungo@marvell.com

Or

https://marvell.wd1.myworkdayjobs.com/en-US/MarvellCareers/job/Physical-Design-Intern_2300076

WHERE TO FIND US

Website: www.marvell.com