Embedded System Engineer | Technology Innovation Institute Abu Dhabi

Apply Now

Company: Technology Innovation Institute

Location: Abu Dhabi

Category: architecture-and-engineering

Embedded System Engineer| Technology Innovation Institute Abu Dhabi

The Technology Innovation Institute (TII) is a pioneering global research institute that focuses on applied research and new-age technology. TII is the applied research pillar of the Advanced Technology Research Council (ATRC) that was established to drive the R&D strategy of Abu Dhabi and the wider UAE.

Systems Research Center (SSRC) leads the development of end-to-end security and resilience for cyber-physical and autonomous systems. Our multi-disciplinary approach allows us to combine domain knowledge with security and resilience technologies, delivering breakthroughs in applied research that benefit society, support smart cities and boost economic development.

Embedded System Engineer | Technology Innovation Institute Abu Dhabi | Apply Now

Experience and skills

Proven experience in embedded software development, with a focus on camera-related systems.

In-depth knowledge of communication protocols and interfaces associated with image sensors.

Understanding of image processing algorithms and computer vision

Extensive experience in embedded system development.

Proficiency in Embedded Linux, including device drivers, BSP (Board Support Package), and Buildroot development.

Strong expertise in programming languages: Python, C, and C++.

Experienced in communication protocols such as CSI, MIPI, USB, SPI, UART, and I2C.

Skilled in developing unit tests for software validation.

Proficient in system-level debugging techniques.

Experience in writing low-level drivers, handling interrupt service routines, and hardware troubleshooting/debugging.

Knowledgeable in power and performance optimization strategies.

Experience with wireless communication technologies.

Knowledge of security principles in wireless communication.

Capability in hardware schematic review and analysis.

Experienced in Continuous Integration/Continuous Deployment (CI/CD) processes using tools like Git, GitHub, Jenkins, and JIRA.

Excellent problem-solving abilities with a strong grasp of design principles.

Effective communication skills, both verbal and written.

Adaptability and eagerness to learn new skills in a dynamic, fast-paced environment.

Qualifications

PhD/master's in computer science, Electronic Engineering or relevant discipline

5+ years' experience in development of Embedded System Product.

Don't miss out on this exciting opportunity – apply now at dubaiofferz.com

#J-18808-Ljbffr

Apply Now

Cross References and Citations:

1. Embedded System Engineer | Technology Innovation Institute Abu Dhabi Istanbuljobs Jobs Abu Dhabi Istanbuljobs ↗

2. Embedded System Engineer | Technology Innovation Institute Abu Dhabi Financialjobs Jobs Abu Dhabi Financialjobs ↗

3. Embedded System Engineer | Technology Innovation Institute Abu Dhabi Webdeveloperjobs Jobs Abu Dhabi Webdeveloperjobs ↗

4. Embedded System Engineer | Technology Innovation Institute Abu Dhabi Flutterjobsnearme Jobs Abu Dhabi Flutterjobsnearme ↗

5. Embedded System Engineer | Technology Innovation Institute Abu Dhabi Jobscanada Jobs Abu Dhabi Jobscanada ↗

6. Embedded System Engineer | Technology Innovation Institute Abu Dhabi Pandajobs Jobs Abu Dhabi Pandajobs ↗

7. Embedded System Engineer | Technology Innovation Institute Abu Dhabi Programmingjobsnearme Jobs Abu Dhabi Programmingjobsnearme ↗

8. Embedded System Engineer | Technology Innovation Institute Abu Dhabi Johannesburgjobs Jobs Abu Dhabi Johannesburgjobs ↗

9. Embedded System Engineer | Technology Innovation Institute Abu Dhabi Gurujobs Jobs Abu Dhabi Gurujobs ↗

10. Embedded System Engineer | Technology Innovation Institute Abu Dhabi Emailjobs Jobs Abu Dhabi Emailjobs ↗

11. Embedded System Engineer | Technology Innovation Institute Abu Dhabi Startupjobsnearme Jobs Abu Dhabi Startupjobsnearme ↗

12. Embedded System Engineer | Technology Innovation Institute Abu Dhabi Lisbonjobs Jobs Abu Dhabi Lisbonjobs ↗

13. Embedded System Engineer | Technology Innovation Institute Abu Dhabi Researchjobs Jobs Abu Dhabi Researchjobs ↗

14. Embedded System Engineer | Technology Innovation Institute Abu Dhabi Searchnzjobs Jobs Abu Dhabi Searchnzjobs ↗

15. Embedded System Engineer | Technology Innovation Institute Abu Dhabi Startupjobsnearme Jobs Abu Dhabi Startupjobsnearme ↗

16. Embedded System Engineer | Technology Innovation Institute Abu Dhabi Communityjobs Jobs Abu Dhabi Communityjobs ↗

17. Embedded System Engineer | Technology Innovation Institute Abu Dhabi Therapistjobs Jobs Abu Dhabi Therapistjobs ↗

18. Embedded System Engineer | Technology Innovation Institute Abu Dhabi Constructionjobs Jobs Abu Dhabi Constructionjobs ↗

19. Embedded system engineer | technology innovation institute abu dhabi Jobs Abu dhabi ↗

20. AMP Version of Embedded system engineer | technology innovation institute abu

dhabi ↗

21. **Embedded system engineer | technology innovation institute abu dhabi Abu dhabi Jobs** ↗

22. **Embedded system engineer | technology innovation institute abu dhabi JobsAbu dhabi** ↗

23. **Embedded system engineer | technology innovation institute abu dhabi Job Search** ↗

24. **Embedded system engineer | technology innovation institute abu dhabi Search** ↗

25. **Embedded system engineer | technology innovation institute abu dhabi Find Jobs** ↗