



## Job Announcement of **Embedded Engineer @ Ceremorphic**

The T&P Team wishes to inform about a career opportunity at CEREMORPHIC. CEREMORPHIC would like to hire **CS & EC Engineering** graduates of 2024 for **Embedded Engineer**, with following eligibility criteria.

Ceremorphic, Inc. is a fabless semiconductor and systems company, developing the sustainable compute infrastructure for the AI future. Ceremorphic is developing silicon chips in TSMC 5nm node and has developed algorithms for different verticals to create effective complete system product. Life Sciences division leverages the company's technology in silicon engineering, Artificial Intelligence (AI) and Machine Learning (ML) space to develop advanced drug discovery and medical imaging-based diagnosis platforms. We are seeking researchers and developers to help us create unique products with unprecedented efficiency with respect to cost of development, development time and effectiveness.

**Positions available: Embedded Engineer**

**CTC: 13LPA**

### **What you will do:**

Linux Kernel Engineer knowledgeable of Linux internals to work with Hardware Design and Verification engineers to develop PCIe/USB Drivers, customize, boot, and bring-up Linux on multithreaded and multicore CPU systems on FPGA and/or Emulator platforms.

To thrive in this position, you must be familiar with Operating System concepts, must also be familiar with basic software development principles. Further, skills such as: understanding of data structures and algorithms, analytical, communication and documentation skills and an ability to work in a team, are expected.

### **Job requirement:**

- Linux Software drivers or kernel development, porting, customization, performance benchmarking and optimization.
- Python, C/C++, assembly language or other programming experience
- Working with the team, collaborating on building, and supporting system software sub systems.
- Owning system software development and debugging.
- Extend any library functionality or create new as and when needed.
- Create developer documentation and end-user documentation.
- Software development best practices, including test driven design, continuous integration.

### **Basic Qualifications and Education Requirements:**

- Bachelor's or Master's degree in ECE/CS
- 1+ years of experience with Python/C++
- Operating Systems

### **Preferred Skills and Qualifications (*good to have*):**

- Experience with RISC-V, ARM CPU and ISA, PCIe Protocol
- KVM experience is a plus
- Experience with writing debug software such OpenOCD is a plus
- Compiler toolchain experience is a plus
- Experience with documentation tools (markdown/sphinx/doxygen/LaTeX/MS-Word)

**How to Apply:** If meet the eligibility criteria and interested about this opportunity, please apply through the Training & Placement Portal (<https://tpcrt.rf.gd>) by **April 6 2024**.

Sd/-

T & P Office