

**Company :**  
**Company Name :**  
**Nature Of Business :**  
**Designation :**  
 Tentative Job Location : Bangalore

Analog Devices  
 Analog Devices  
 Semiconductor  
 Embedded firmware Intern

**Software Intern**

**Qualification and Required skill sets**

- Description :**
- **M Tech in Communication, Information security, Signal processing, Software engineering or equivalent with a CGPA of 7.5 or above**
  - **B Tech ECE with a CGPA of 8.5 or above**
  - **Good academic knowledge in Signal processing algorithms and MATLAB simulations**
  - **Good knowledge in C programming is essential**
  - **Good embedded systems knowledge and RTOS concepts are preferred**
  - **Knowledge / Interest towards machine learning is preferred**
  - **The successful candidate will be responsible for**
    - **Embedded firmware development/testing for drivers, framework, application code development, testing, and optimization**
    - **Design and development of drivers/middleware/framework/application components on embedded platforms**
    - **Developing applications on ADI-DSPs, ARM based ASSP and other processors/controllers that interfaces with ADI parts**
    - **In-Depth microcontroller programming including development of bootloader code and board bring up.**
    - **Support firmware update testing and deployment. Debugging low level hardware interfaces (USB, SPI, I2C, UART, PWM, GPIO, ADC/DACs etc).**
    - **Creation and review of documentation. Implementation of development processes as required. Review requirements and specifications**
    - **Work on connectivity areas like BT/WiFi to develop interfaces for newer devices.**

<b>Program</b>	<b>AE</b>	<b>BSBE</b>	<b>CE</b>	<b>CHE</b>	<b>CSE</b>	<b>EE</b>	<b>ES</b>	<b>ME</b>	<b>MSE</b>	<b>PHY</b>	<b>CHM</b>	<b>MTH</b>	<b>ECO</b>	<b>DES</b>	<b>IME</b>	<b>HSS</b>
BT-BS	No	No	No	No	No	Yes	No	No	No	No	No	No	No	--	--	--
MT	No	No	No	No	No	No	No	No	No	--	--	--	--	--	No	--
DoubleMajor	No	No	No	No	No	Yes	No	No	No	No	No	No	No	--	--	--
dual	No	No	No	No	No	Yes	No	No	No	No	No	No	No	--	--	--
dualB	No	No	No	No	--	--	--	No	No	No	No	No	No	--	No	--
dualC	--	--	--	--	--	--	--	--	--	--	--	--	--	--	No	--
Mdes	--	--	--	--	--	--	--	--	--	--	--	--	--	No	--	--
MBA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	No	--
Phd	No	No	No	No	No	No	No	No	No	No	No	No	No	--	--	No
Msc	--	--	--	--	--	--	--	--	--	No	No	No	No	--	--	--
MSR	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

**Stipend per month :**

**UG- INR40,000/month , PG-INR50,000/month**

**Other Facilities Offered :**

**Food- Coupoun- INR 1200/month**

**Bond :**

**True**

**CPI CutOff :**

**0.0**

**Bond Details :**

**N/A**

**Medical Requirments :**

**NO**

**Resume Shortlist :**

**True**

**Resume Shortlist Criteria:**

**N/A**

**Aptitude Test:**

**True**

**Aptitude Test**

**Duration:**

**N/A**

**Group Discussion:**

**False**

**Technical Test:**

**False**

**Technical Interview:**

**True**

**Technical Interview Duration:**

**N/A**

**Number of Techincal**

**Interview Rounds:**  
**HR Interview:**  
**HR Interview**  
**Duration:**  
**Additional**  
**Information:**

**True**  
**N/A**