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13 Month Industrial Placement

Placement for Engineering students in:
Electronics, Telecommunications or Computer Science

EUROPEAN UNIVERSITY PROGRAM

The placement will start in July 2014 and end in August 2015



The successful candidate will be based at Texas Instruments Germany in Freising, located near Munich. Texas Instruments (TI) is the leader in semiconductor solutions for analog and digital embedded processing. Our technologies are permeating daily life in many different ways from digital communications and entertainment to medical services, automotive systems and wide-ranging applications in between.

The European University Program plays an important role in TI's long-term marketing. By introducing industry-leading TI technologies to the engineers of the future we enable technical academic institutions to deal with the demands of the 21st century. The European University Program is one of the "building blocks" that leads to the creation of new and innovative designs harnessing TI technologies. The program supports Universities in Europe, the Middle East and Africa and is constantly broadening its horizons with further expansion into new and existing markets.

The selected candidate will have the opportunity to work as part of the University Program team by providing technical support to Universities. You will be required to assist professors, lecturers and post-graduate students with their projects using TI's Embedded Processors (MCU, DSP) and analog products, as well as ensuring that Universities have the tools and knowledge they need to teach embedded processing and analog technologies. You will also be helping TI's University Program to establish new labs in Universities around Europe.

Texas Instruments Deutschland GmbH
Haggertystraße 1
D - 85356 Freising
Tel.: +49 (0)8161 / 80 4040
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Placement Description

Key tasks:

- ✓ Giving technical support to Universities in Europe, the Middle East and Africa via email and telephone.
- ✓ Assisting Professors, Lecturers and Postgraduate students with their projects, ensuring they have the right MCU, DSP and Analog tools and can use them effectively.
- ✓ Helping Texas Instruments' University Program to establish MCU, DSP and Analog labs in different Universities
- ✓ Developing your technical skills through on the job and formal training.
- ✓ Working in conjunction with global teams to improve our customer service.
- ✓ Representing TI's University Program to Universities across the region.
- ✓ Recruiting the next Student for this placement.

Skills that will be acquired:

Technical Knowledge: Experience with Embedded Processors and Analog technologies. You will learn programming and debugging techniques, along with the opportunity to be trained in using TI tools. Training on the full range of TI products will be given as well as the opportunity to attend workshops with our customers.

Work Skills: Efficiency and responsiveness, organization, team working and customer relations.

Communication Skills: Valuable communications skills using telephone, e-mail, Web2.0 tools (forum, wiki, blog, etc.) and proficient use of technical English to enable highly effective customer communications.

Marketing: Understanding the market for semiconductors and the role of Universities. An appreciation of the trends of the market from an inside point of view.

Relationships: Working in a truly multi-cultural environment.

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Remuneration & Working conditions:

- Smart and comfortable working environment.
- DSP & Embedded Processors development tools for debug work.
- Training: access to TI courses and workshops.
- Salary: around 1500 Euros pre-tax per month.
- Salary is paid monthly, so you must be able to support yourself during your first month.
- 2.5 days paid holiday per month.
- On-site cafeteria.

Individual Requirements

Applicants **must** meet the following criteria:

- Be available for a placement of at least 13 months.
- Able to retain their student status throughout the placement (Student must be enrolled at the university during the internship).
- Be genuinely fluent in English, written and spoken.

Skills you must have:

- Good knowledge of Analog and Digital Electronics.
- Basic understanding of Digital Signal Processing.
- Experience of programming in C language.
- Proficient using a PC and Internet environment.
- The drive and motivation to accept new challenges.
- The ability to learn quickly.
- A keen sense of responsibility.
- The maturity to work with minimal supervision.

Other valuable skills:

- Experience in MCU, DSP or MPU. Programming in C and/or Assembly.
- Experience in Analog, Low-Power RF or Power Management.

- Basic knowledge of Texas Instruments Code Composer Studio software.
- Additional language skills (apart from English).
- Previous work experience.
- An appreciation of different cultures.

Applications

The deadline for applications is the **28th February 2014**.

All applications should be made in English.

Interviews will be conducted in English.

The Application Process:

1. To apply, send your CV and a cover letter in English to Albert Marco per email:

a-marco@ti.com

The **cover letter** should detail why you are applying for this job, and how you satisfy the criteria required. It should not be more than **one A4 page**. The deadline for applications is the 28th of February 2014.

2. During March, selected candidates will be given informal telephone interviews conducted by the current student.
3. After this, selected candidates will be given telephone interviews conducted by Texas Instruments representatives.
4. Work start date: early July 2014.

For more information:

Please contact Albert Marco (a-marco@ti.com).

Albert Marco
Texas Instruments Deutschland GmbH
Haggertystrasse, 1
D-85356 Freising
Germany

- European University Program: www.ti.com/EUP
- European Customer Support Centre: www.ti.com/asktexas
- Texas Instruments: www.ti.com

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