

Software Engineer Intern / Thesis (m/f)

Texas Instruments - Freising



Change the world, love your job. At Texas Instruments (TI), you will have the opportunity to learn and grow – and create world-changing technology. For more than 80 years, TI has continually reinvented itself by believing in people with endless curiosity who refuse to leave the world just how they found it. From developing leading-edge semiconductor technologies and practicing responsible manufacturing, to caring for our employees and communities, innovating a better world is in our DNA. Come discover TI and why you belong here.

About the Job

As a Software Engineer Intern, you'll become a key contributor where your skills and input make a big difference.

Your interest, knowledge and practical experience should fit to one of the four intern positions where we invite you to work with us on leading edge technology projects.

Responsibilities may include,

- **MSP430 Development Tools:** Support the Team during development of innovating software and hardware tools like the eZ430-Chronos or LaunchPad ecosystem; analyze and develop test concepts for software components
- **Analog EDA / Circuit Design Automation:** Support the team to enhance methods and flows of analog and mixed signal circuit design by developing software for simulation, layout and design verification; plan, implement and test design flow software or behavioral design models
- **Semiconductor Manufacturing:** Support the team to enhance the early detection of faulty products during the manufacturing process by developing and implementing new algorithms in data analysis or image processing; enhance the FAB automation system with your ideas and your programming skills
- **Probe:** Support the team to enhance productivity by developing new and redesigning existing websites/web reports and java-applications

Requirements

- Student of electrical engineering, electrical and computer engineering, automation or electrical based computer engineering, computer engineering, computer science or related field
- mandatory internship according to your study regulations
- for Development Tools: experience with C, C++ and QT with focus on open source are a must, knowledge in embedded, as well as host (PC) programming would be a plus
- for Analog Electronic / Circuit Design Automation: knowledge in Python, Perl and/or Tcl is recommended
- for Probe: experience with Java, Web Development (HTML, php), Oracle and SQL are preferred
- Excellent writing and communication skills are a must
- Strong time management skills and the ability to work to a deadline are very important

Our Offer

- The possibility to gain new experiences and to implement theoretical knowledge in practical solutions
- Exciting, challenging and creative tasks
- Interesting projects
- An open-minded team and international environment
- An attractive compensation

Job Opening Type

Co-Op - New

Minimum Education Level

Less Than HS Graduate

Related Field(s) of Study

Electrical Engineering

Computer Engineering

Electronic Technology

Electrical Eng Technology

Electrical & Computer Engineer

Minimum Years of Experience

0

Regular / Temporary

Temporary

Full-time / Part-time

Full-Time

Online Application:

<https://xjobs.brassring.com/TGWEBHost/jobdetails.aspx?partnerid=25329&siteid=5199&jobid=1636>

[41](#)