Technische Hochschule Ingolstadt

enGlobe

engineers go global

THI Scholarship Program for Internships (Praxissemester/Abschlussarbeit)

August-December 2021*

at

Pollux (Joinville, Brazil)

Apply until **April 6, 2021** for the winter semester 2021/22!

*Due to the current pandemic, the start of the internship abroad might be slightly postponed (to September/October). Any shifts will be discussed between the intern, Pollux and the enGlobe coordinators at THI and UFSC in order to allow a safe stay suitable for all involved. In case travel restrictions will continue until the end of 2021, the stay has to be postponed to the summer semester 2022.

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Federal Ministry of Education and Research

The THI project *enGlobe – engineers go global* is supported by the

DAAD

What is *enGlobe*?

englobe – engineers go global is a DAAD funded project at THI which offers 6 scholarships to THI students for internships of 5 months (01.08.-31.12.) in English at Pollux (Joinville, Brazil), Renault do Brasil (Curitiba, Brazil) and VW Argentina (Buenos Aires, Argentina) each year from 2020-2023.
In 2021, we can only offer **1 place of internship at Pollux (Joinville, Brazil)** combined with an enGlobe scholarship.
The scholarship for Brazil includes:
- Single travel allowance (fixed sum, for all travel costs): 1.575€
- Monthly scholarship rate: 1.175€

The internship itself does not include any remuneration or further financial support.

Who can apply?

Primarily students of one of the following undergraduate THI study courses:
- Mechatronik
- Elektro- und Informationstechnik
- Wirtschaftsingenieurwesen
- Fahrzeugtechnik
- Maschinenbau
- Elektrotechnik und Elektromobilität

The internship can be recognized for the **"Praxissemester"** or combined as voluntary internship with the **final thesis**. Sufficient **English language skills (min. B2)** are required for all internships.
Undergraduate students from other study courses can also apply as long as they fulfill the requirements and explain their reasons for application in their motivation letter.

How to apply?

The following documents have to be submitted **as one pdf file (max. 15 MB)** to enGlobe-internships@thi.de until **April 6, 2021 (23:59)**[1]:

- Application form 2021 (aware.thi.de/studium-praktikum/brasilien-argentinien/englobe-internships/)
- Motivation letter (1-2 pages) (in English)
- CV (max. 2 pages) in English
- Current transcript of records in English
- Optional: Proof of sufficient English language skills (min. B2)
- Optional: Proof of Portuguese language skills
- Optional: Proof of international experience (studies/internships abroad, participation in international conferences/seminars/courses etc., active membership in international organizations etc.)

By sending this application, you apply for both the internship and the scholarship (no separate application needed).

For further information, please read our FAQ (in German) and/or contact:

Lisa Hermsen, *enGlobe* project coordinator THI
enGlobe-internships@thi.de
+49 841 9348-6469

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[1] By sending your application including your personal data, you confirm that THI is allowed to use it for organizational purposes during the selection procedure.

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Offer at Pollux in Joinville (Brazil)
Mechanical Design/Automation Department
in cooperation with the Federal University of Santa Catarina (UFSC)

Pollux is the most innovative industrial technology company in Brazil. Our purpose is simple: to increase industry competitiveness. We deliver solutions that make factories more productive, efficient and smart, allowing customers to win in an increasingly competitive global scenario.
Automation Department: We deliver assembly lines, robotic cells and machine building solutions that are more efficient and provide an extremely high degree of automation, based on advanced manufacturing precepts and Industry 4.0.

The **Federal University of Santa Catarina** (UFSC) in Joinville is a long-standing strategic partner of THI in the automotive network AWARE. UFSC supports this internship program by offering to the interns administrative support, especially in visa questions. In case the intern would like to write his/her final thesis connected to the internship and has found a supervisor at THI, the partner university will also support in supervising the thesis or internship on site. In any case, it is expected from the student to write a technical paper on his/her activities at Pollux in collaboration with the company and UFSC.

Internship Description

Pollux Automation seeks a programing engineer to help design and test special mounting lines for the Automobile Industry. As one of our engineers, you will create dependable, hardworking products befitting our company's name. You will exercise your creativity and determination every day as you develop functional codes, place them through rigorous testing and release them at a real device when they meet or exceed our specifications for product quality and safety.

Internship Responsibilities
- Design code, consult with engineering and other teammates to ensure that designs are feasible
- Develop and build prototypes and run tests to measure their level of function
- Record and evaluate testing data, altering designs as necessary to bring them to safety, performance and efficiency standards
- Consult with other teams during device assembly, advising them on design specifications and providing logical assistance when required
- Release reports to supervisors
- Attend weekly team meetings to provide progress reports, obtain updates on colleagues' progress, strategize on steps for following week and acquire information about other aspects of the project

Supervisor: Tiago Romeu Scholz – Engineering Manager of the Automation Division