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Summer Practice – Prototyping Tooling Developer

Overview: The student has to design fixtures and associated drawings used in prototype projects to ensure different functions acording to Huf standards by using Catia V5 and NX software.

Key Activities

▶ Create 3D and 2D concepts for prototype fixtures.
▶ Implement modifications on 3D and 2D on components for prototype fixtures.
▶ Create CNC programs for prototype fixtures using NX-CAM

Desired Profile

▶ Student at Mechanical University.
▶ Good Catia or NX CAD-CAM modules.
▶ General technical knowledge.
▶ Basic drawing knowledge.
▶ Team player with an open-minded attitude.
▶ Strong communicator both written and verbal in English and native language.
▶ Self-efficient and organized in prioritizing tasks and projects.

Benefits

▶ Induction and training programs that provide you with all the knowledge to excel at the workplace
▶ Young, professional, and dynamic team
▶ Health and well-being (medical care, fruits day, lunch vouchers)
▶ Constant professional development
▶ Modern and central working facilities (contemporary offices, relaxing and entertainment areas)
▶ A mentor to guide you through all the process

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Summer Practice – Quality Support

Overview: You will have to design, implement and maintain a set of tools which will be used for monthly reporting/tracking of several topics, in Quality Status within the projects. Further, this activity can be extended for monthly traking of Quality KPI.

Key Activities

► Create tool concepts for quality data reporting.
► Develop and implement the tools
► Collaborate with PQ for a better understanding of the improvements needed at tool level

Desired Profile

► Active student at Computer Science, Informatics, etc
► Good Visual Basic, C, HTML, etc programmer
► Eager to learn
► Analytical thinking, proactive
► Team player with an open-minded attitude.
► Strong communicator both written and verbal in English and native language.
► Self-efficient and organized in prioritizing tasks and projects.

Benefits

► A mentor to guide you through all the process.
► Induction and training programs that provide you with all the knowledge to excel at the workplace.
► Young, professional, and dynamic team.

► Competitive salary and flexible benefits (sports, wellness, transport, holiday reward etc.).
► Health and well-being (medical care, fruits day, lunch vouchers etc.);
► Professional development both technical and managerial.
► Increased work-life balance (flexible working hours and mobile work, extra vacation days).
► Special fidelity package.
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Summer Practice - SW Developer KeyFob

Overview: KeyFobs are a staple product for Huf and the development of high quality products relies on having good tools and equipment. The goal of this project is to create a tool that can allow users to configure specific press sequences for keyfob buttons (duration, interval, synchronization between multiple buttons). The tool will have two components: One graphical interface developed for PC and one Arduino board connected to the PC and controlling the real Keyfob.

Key Activities

▶ Implement the program running on PC
▶ Implement the program running on Arduino
▶ Document the implementation, by performing a Detailed Design document;
▶ Create a manual / methodology for using the tool.

Desired Profile

▶ Student of any Technical University (Computer Science, Electronics, Informatics, etc.)
▶ Good C programming knowledge;
▶ Minimal Python knowledge or scripting knowledge;
▶ uController knowledge;
▶ Debug skills;
▶ Team player with an open minded attitude;
▶ Strong communicator both written and verbal in English and native language;
▶ Self-efficient and organized in prioritizing tasks and projects.

Benefits

▶ A mentor to guide you through all the process;
▶ Induction and training programs that provide you with all of the knowledge to excel at the workplace;
▶ Young, professional and dynamic team;
▶ Competitive salary and flexible benefits (sports, wellness, transport, holiday reward etc.);
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Summer Practice - SW Developer PaaK

Overview: Phone as a Key is an advanced development project which aims to provide all existing vehicle access and security features through a smartphone. Our embedded PaaK system comprises of more than 10 ECUs which support BLE, UWB and NFC technologies. As an internship role, you will help the SW Development team to test the functionality of the system in a real car. You will develop code for a RaspberryPi which is installed in the vehicle together with the embedded PaaK ECUs to monitor, log and help visualize the behavior of the system.

Key Activities

- Implement RaspberryPi software solution in Python
- Document the implementation, by performing a Detailed Design document
  Document the usage of RaspberryPi by creating a manual / methodology for using the tool.

Desired Profile

- Student of any Technical University (Computer Science, Electronics, Informatics, etc.)
- Good C programming knowledge;
- Minimal Python knowledge or scripting knowledge;
- uController knowledge;
- Debug skills;
- Team player with an open minded attitude;
- Strong communicator both written and verbal in English and native language;
  Self-efficient and organized in prioritizing tasks and projects.

Benefits

- A mentor to guide you through all the process;
- Induction and training programs that provide you with all of the knowledge to excel at the workplace;
- Young, professional and dynamic team;

- Competitive salary and flexible benefits (sports, wellness, transport, holiday reward etc.);
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Summer Practice - SW Sensors

Overview: Sensors SW team is developing embedded SW in C for car door handles and kick sensors. The sensors can be capacitive, inductive, Hall, NFC or radar. They can communicate with car ECU via LIN, CAN, power line, open collector. The sensors use single core microcontrollers that are suitable for such applications. As an internship student you will get a task to help the team analyze/parse source code and create traceability with requirements. All this with a click of a button in Eclipse.

Key Activities

► Implement a plug-in for Eclipse IDE to parse C files with the ultimate scope to create bidirectional traceability between code and requirements
► Clarify the requests you receive, so that you fully understand your assignment
► Write code in any programming language (Python, LUA, C#, Java, C, etc), test and demo
► Gain experience in the SW development team, the real way of working

Desired Profile

► Active student at Computer Science, Electronics, Informatics, etc
► Good programming knowledge with proved projects (own or school related)
► Entrepreneurial mindset oriented to deliver results
► C language knowledge is a plus for future colaboration
► Debug skills is a plus … breakpoints, whatches

Benefits

► Induction and training programs that provide you with all of the knowledge to excel at the workplace;
► Young, professional and dynamic team;
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Summer Practice – Test Tool Developer

OVERVIEW: Your job is to develop pretty tools which will make your colleagues daily work a whole lot easier, helping them have a more robust and automated test environment.

Key Activities

► Learn and understand our automotive testing process, rules, and guidelines
► Based on the tool requests, write, and implement tool requirements
► Cooperate and communicate with the tool requester
► Clarify the tool request you received, so that you fully understand your assignment
► Make sure the tool you develop is validated

Desired Profile

► Student at Computer Science, Electronics, Informatics, etc.
► Understanding the principles of programming
► Electronics knowledge
► Resourceful, eager, independent
► Curios, friendly, dynamic, and willing to learn
► Team player with an open-minded attitude
► Strong communicator both written and verbal in English and native language
► Self-efficient and organized in prioritizing tasks and projects

Benefits

► Induction and training programs that provide you with all the knowledge to excel at the workplace
► Young, professional, and dynamic team
► Health and well-being (medical care, fruits day, lunch vouchers)
► Constant professional development
► Modern and central working facilities (contemporary offices, relaxing and entertainment areas)
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Summer Practice – Testing Developer

OVERVIEW: The role's main objectives are to define, perform & document system testing activities

Key Activities

► Learn and understand automotive testing process, rules, and guidelines
► Analyze and understand the requirements for the product
► Design clever test cases because debugging is as challenging as writing the code
► Execute the test cases, analyze the obtained results
► Declare the findings & document the results

Desired Profile

► Student at Computer Science, Electronics, Informatics, etc.
► Understanding the principles of programming;
► Electronics knowledge
► Resourceful, eager, independent
► Curios, friendly, dynamic, and willing to learn
► Team player with an open-minded attitude
► Strong communicator both written and verbal in English and native language
► Self-efficient and organized in prioritizing tasks and projects

Benefits

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Summer Practice – ToolChain Developer

OVERVIEW: Your job is to develop tools which will make your colleagues daily work easier, helping them to have fast solution for repetitive configuration tasks

Key Activities

► Learn and understand our configuration management tool
► Based on the requests, implement needed scripts
► Cooperate and communicate with the requester
► Clarify the requests you receive, so that you fully understand your assignment
► Make sure the scripts you develop are validated

Desired Profile

► Student at Computer Science, Electronics, Informatics, etc.
► Understanding the principles of programming/scripting;
► Resourceful, eager, independent
► Curios, friendly, dynamic, and willing to learn
► Team player with an open-minded attitude
► Strong communicator both written and verbal in English and native language
► Self-efficient and organized in prioritizing tasks and projects

Benefits

► A mentor to guide you through all the process;
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