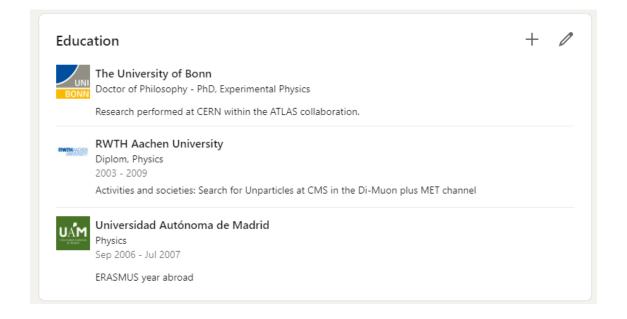
nexperia

BTTB 10

Career Paths Session



My CV in a nutshell



Experience







nexperia Program Manager Business Excellence

Nexperia · Full-time Nov 2021 - Present · 8 mos

Hamburg, Germany

Coordinator of various growth programs for the Hamburg site



DESY

7 yrs 6 mos

Project Leader

Full-time

Mar 2019 - Aug 2021 · 2 yrs 6 mos

Hamburg Area, Germany

Project Leader of R&D project in medical imaging and of R&D project in silicon sensor development

Project Leader

Full-time

Mar 2017 - Mar 2019 · 2 yrs 1 mo

Project Leader of R&D project in silicon particle detectors

Research Fellow

Mar 2014 - Feb 2017 · 3 yrs Hamburg Area, Germany



Lecturer (B. Sc. Media Technology)
Hamburg University of Applied Sciences · Contract

Mar 2020 - Jul 2021 · 1 yr 5 mos

Hamburg, Germany

Lecturer of basic physics course within B.Sc. degree "Medientechnik".



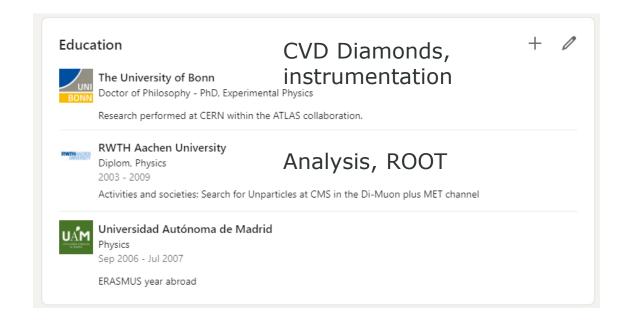
Research Associate

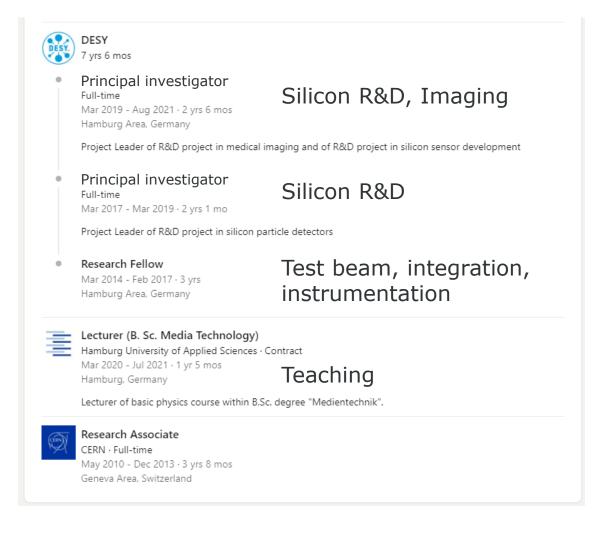
CERN · Full-time

May 2010 - Dec 2013 · 3 yrs 8 mos

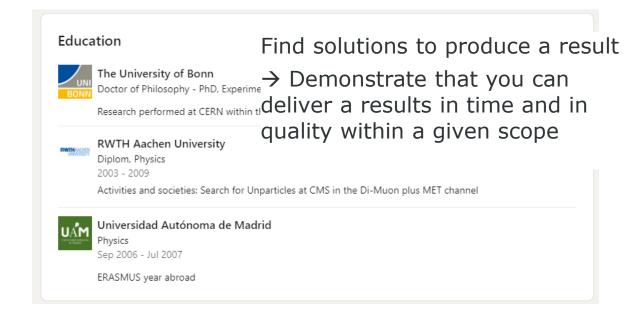
Geneva Area, Switzerland

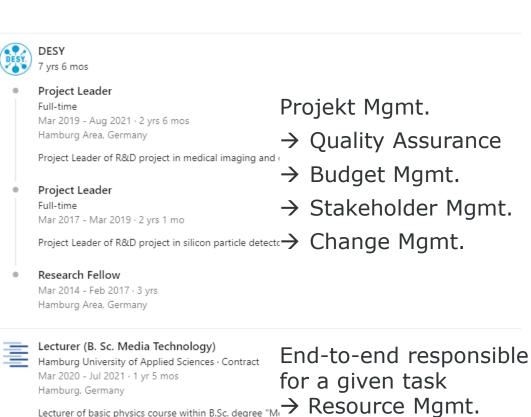
My CV in a nutshell – Technical Experience





My CV in a nutshell – Transferable skills





→ Stakeholder Mgmt.

Nexperia • BTTB 10 || Career Session

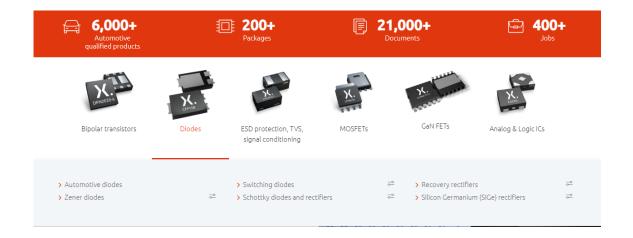
Research Associate

May 2010 - Dec 2013 · 3 yrs 8 mos Geneva Area, Switzerland

Nexperia in a nutshell

Nexperia is a leading expert in the high-volume production of essential semiconductors.

The portfolio includes diodes, bipolar transistors, ESD protection devices, MOSFETs, GaN FETs and analog & logic ICs.



Sell close to 100 billion products / y



My job at Nexperia

Program Manager Business Excellence Nexperia · Full-time Nov 2021 - Present · 8 mos Hamburg, Germany Coordinator of various growth programs for the Hamburg site



Your job at Nexperia?



Senior Principal TCAD Engineer 2

 Manchester Full time Vor 21 Tagen ausgeschrieben R-20004829 	Bewerben		
	Manchester	Vor 21 Tagen ausgeschrieben	

About the role

Nexperia is a world-class leader in semiconductor development and in-house production committed to ongoing investment in next generation technologies, state of the art high-volume manufacturing facilities and above all, people!

We have an exciting opportunity for a Senior Principal TCAD Engineer to join our growing R&D team. As Senior Principal TCAD Engineer, you will hold a key role within TeamNexperia overseeing the development and improvement of future generation Power MOSFET performance.

What you will do

- Develop and improve the performance of future generation Power MOSFET product families and technology platforms through TCAD expertise
- Partner with the Process Integration team to resolve device level issues and suggest improvements
- Innovate and provide technical expertise for the team as a consultant across one or many project(s)
- · Suggest design of experiment (DOE), process conditions based upon

(Sr.) Development Engineer - Transistors (m/f/d) 🗵



What you will do

Bewerben

- Define, develop and release bipolar transistors
- Contribute to the product performance as product designer / architect for development of bipolar transistors
- · Lead small or medium sized product creation or optimization projects
- Competitive benchmarking concerning products and technologies of Nexperia
- Build up and maintain a competency network within the organization
- Provide technical mentorship to less experienced engineers

Interested?

hendrik.jansen@nexperia.com

Project Leader (m/f/d) - Small Signal MOSFETs R&D

	Bewerben		
0	Hamburg	Full time (-) Gestern ausgeschrieben	

What you will do

· Lead complex R&D or engineering projects

E R-20007039

- Define the overall project plan in consultation / agreement with all relevant management levels and stakeholders
- Implement and realize according to the project plan and within agreed boundaries specification, quality, timing, costs, information / reporting and organization
- . Manage all requested changes and execute change management process
- Analyze project risks (w. r. t. specifications, costs, timing, etc.) and develop & incorporate scenarios
 to overcome these risks
- Define competencies and resources needed and build up a performing project team. Take team leadership including operational guidance and conflict management
- Ensure that relevant quality standards for own projects are defined and met, monitor & control
 execution of own projects
- · Initiate and contribute to quality improvement activities related to business processes & procedures
- Upgrade and adapt own competence, use cross organizational sharing and learning within the teams and the group of project leaders

Principal Validation Engineer 2

Bewerben		
Nijmegen	Full time Gestern ausgeschrieben R-20006895	

For the Test & Product Engineering Group, within BG Analog & Logic IC's in Nijmegen, The Netherlands, we are looking for a Principal Validation Engineer. In this exciting role, you will play a major part in the exploration and development of new, exciting and challenging Analog & Logic Semiconductor products that are unknown to the world as of now.

What you will do

Your main responsibilities are:

- Responsible for the quality and execution of IC product tests according to validation plan
- · Responsible for development of new lab test methods and hardware
- Responsible for documentation of performed tests and results
- Analysis of competitor devices and application related customer complaints and requests
- Accountable to execute tasks according planning, find solutions to keep the planning on track

EFFICIENCY WINS.