

Developer@SICK
DRAFT Developer@SICK
Skill Relevant SIA
Training
Comment
Developer@SICK | General general profile for all developers
Work safety
Laser
protection
Electrical
safety
Different based on the cluster / area the person is working at
There is already one profile "Developer@SICK | Occupational
Safety @Autonomous Perception" including:
Protection of artificial optical radiation (Schutz vor
optischer Strahlung)
Electrical safety - Working with electrical equipment -
Basic (Elektrische Sicherheit)
Agile
Project
Management
[https://sia-online.
sick.com/sui
/itemDetail/57252](https://sia-online.sick.com/sui/itemDetail/57252)
(E-Learning)
EDB Basic [https://sia-online.
sick.com/sui
/trainingPlanDetail
/53063](https://sia-online.sick.com/sui/trainingPlanDetail/53063) (Training
plan with ELearnings
and one
Virtual classroom)
Development Database (for drawings, electrical plans, ...)
Jira Basics ELearning
coming
soon
Change
Management
[Product Change
management](https://siaonline.sick.com/sui/itemDetail/32001)
already included in
EDB training plan
(see above)
Change
management in
general: [https://siaonline.
sick.com/sui
/itemDetail/32001](https://siaonline.sick.com/sui/itemDetail/32001)
Requirements

nts

Manageme

nt / Jama

Basics

[https://sia-online.](https://sia-online.sick.com/sui/itemDetail/56507)

[sick.com/sui](https://sia-online.sick.com/sui/itemDetail/56507)

[/itemDetail/56507](https://sia-online.sick.com/sui/itemDetail/56507)

(2,5 hours, virtual

classroom)

Matlab

Basic

e.g.: [https://de.](https://de.mathworks.com/learn/training/matlabfundamentals.html)

[mathworks.com](https://de.mathworks.com/learn/training/matlabfundamentals.html)

[/learn/training](https://de.mathworks.com/learn/training/matlabfundamentals.html)

[/matlabfundamentals.](https://de.mathworks.com/learn/training/matlabfundamentals.html)

[html](https://de.mathworks.com/learn/training/matlabfundamentals.html)

Level: optional for Matlab users

Use of AI

tools

See blogpost: [Use of generative AI tools Organizational](#)

[Directive 2023/04](#)

[Training in regards to Artificial Intelligence (AI):

<https://sia-online.sick.com/sui/trainingPlanDetail/59112> (ELearning,

2,5 hours)]

Testing

general

not

specific

for

hardware

(Software

/Hardware

/System)

[https://sia-online.](https://sia-online.sick.com/sui/itemDetail/46716)

[sick.com/sui](https://sia-online.sick.com/sui/itemDetail/46716)

[/itemDetail/46716](https://sia-online.sick.com/sui/itemDetail/46716)

Product

Compliance

[https://mosaicplus.](https://mosaicplus.sick.com/x/8DteAg)

[sick.com/x/8DteAg](https://mosaicplus.sick.com/x/8DteAg)

Intellectual

Property

Einführung: [https://](https://sia-online.sick.com/sui/itemDetail/20288)

[sia-online.sick.com](https://sia-online.sick.com/sui/itemDetail/20288)

[/sui/itemDetail](https://sia-online.sick.com/sui/itemDetail/20288)

[/20288](https://sia-online.sick.com/sui/itemDetail/20288)

Auffrischung: [https:](https://sia-online.sick.com/sui/itemDetail/79210)

[//sia-online.sick.](https://sia-online.sick.com/sui/itemDetail/79210)

[com/sui/itemDetail](https://sia-online.sick.com/sui/itemDetail/79210)

[/79210](https://sia-online.sick.com/sui/itemDetail/79210)

Mandatory for FPGA/ASIC Developer, depending on skill level

General

Trainings

on AMD

FPGA,

Languages,

Tools &

Methodolo

gies

<https://plc2.com>

[/training/](#)

Optional / up on request

SICK has a general agreement with PLC2.

If any training out of PLC2 program is desired please contact

the ChipDesign group of Global R&D

Developer@SICK | Engineering Additional profile for mechanical engineering

ISO GPS

System:

Level 1

[https://sia-online.](https://sia-online.sick.com/sui/itemDetail/88001)

[sick.com/sui](#)

[/itemDetail/88001](#)

Basics

ISO GPS

System:

Level 2

tbd drawing reader

ISO GPS

System:

Level 3

tbd drawing creator

EDB 2.0

Full

Training

[https://sia-online.](https://sia-online.sick.com/sui/trainingPlanDetail/53063?context=8)

[sick.com/sui](#)

[/trainingPlanDetail](#)

[/53063?context=8](#)

Produkt Änderungsmanagement, EDB 2.0 Create & Release,

Stammdaten im SICK Konzern

glueing@

SI

CK

[https://sia-online.](https://sia-online.sick.com/sui/trainingPlanDetail/76054?context=1&catId=7762&asId=0)

[sick.com/sui](#)

[/trainingPlanDetail](#)

[/76054?](#)

[context=1&catId=7](#)

[7762&asId=0](#)

Siemens

NX

tbd Siemens NX training will be supportet by CD/RDCAX

FloEFD

Grundlage

nschulung

[https://sia-online.](https://sia-online.sick.com/sui/itemDetail/69138?context=1&catId=56234&asId=0&tpld=0&tpeld=0)

[sick.com/sui](https://sia-online.sick.com/sui/itemDetail/69138?context=1&catId=56234&asId=0&tpld=0&tpeld=0)

[/itemDetail/69138?](https://sia-online.sick.com/sui/itemDetail/69138?context=1&catId=56234&asId=0&tpld=0&tpeld=0)

[context=1&catId=5](https://sia-online.sick.com/sui/itemDetail/69138?context=1&catId=56234&asId=0&tpld=0&tpeld=0)

[6234&asId=0&tpld](https://sia-online.sick.com/sui/itemDetail/69138?context=1&catId=56234&asId=0&tpld=0&tpeld=0)

[=0&tpeld=0](https://sia-online.sick.com/sui/itemDetail/69138?context=1&catId=56234&asId=0&tpld=0&tpeld=0)

thermal simulation SW

Ansys basic

training

tbd structural mechanic simulation

Developer@SICK | Optics Additional profile for optics developers

Optikdesig

nsoftware

Zemax -

Basic

Inhouse Training

[https://www.tuercking.](https://www.tuercking.de/neuigkeiten/)

[de/neuigkeiten/](https://www.tuercking.de/neuigkeiten/)

Basics

Optikdesig

ns ofware

Zemax -

Advanced

Inhouse Training

[https://www.tuercking.](https://www.tuercking.de/neuigkeiten/)

[de/neuigkeiten/](https://www.tuercking.de/neuigkeiten/)

Basics

Optikdesig

nsoftware

Speos

Inhouse Schulung

initiiert durch CEG

Optics

[https://www.](https://www.cadfem.net/de/de)

[cadfem.net/de/de](https://www.cadfem.net/de/de)

[/shop](https://www.cadfem.net/de/de)

[/weiterbildung](https://www.cadfem.net/de/de)

[/seminareelearning](https://www.cadfem.net/de/de)

[/elektromagnetik](https://www.cadfem.net/de/de)

[/simulationoptischer-](https://www.cadfem.net/de/de)

[systememit-](https://www.cadfem.net/de/de)

[ansys-speos-](https://www.cadfem.net/de/de)

[18322.html](https://www.cadfem.net/de/de)

Empfohlen

Weiterbildu

ngsseminar

"Optische

Systeme:

Design
und
Simulation"
<https://photonicsbw.de/veranstaltungen/veranstaltung/weiterbildungsseminar-optischesysteme-designund-simulation-1586/>

Optional
Further
Training
Seminar
"Advanced
Lens
Design"
<https://photonicsbw.de/veranstaltungen/veranstaltung/further-trainingseminar-advancedlens-design-1678/>

Optional
Weiterbildu
ngsseminar
Beleuchtun
gsoptik:
Entwicklun
g und
Anwendung
<https://photonicsbw.de/veranstaltungen/veranstaltung/weiterbildungsseminarbeleuchtungsoptikentwicklung-undanwendung-1454/>

New Employee Orientation • Welcome
to SICK!

New Employee Resources

Find upcoming dates for New Employee Orientation (NEO), helpful documents, links, resources, and information to get you started.

Purpose

SICK is a growing and complex organization. During NEO, new employees receive important information about our company both globally and locally (who we are, how we are organized/structured, where to find certain information, etc.).

Additionally, information is provided about the SICK Beyond Borders vision and strategy, the industries we serve, key business priorities, and, of course, The SICK Spirit culture.

In a world with so many choices,
we are grateful you chose SICK.
New Employee Welcome Sessions

November 2023

06.11.2023 Monday

07.11.2023 Tuesday

9:00 am – 12:00 pm CT

9:00 am – 12:00 pm CT

Virtual

December 2023

11.12.2023 Monday

12.12.2023 Tuesday

9:00 am – 12:00 pm CT

9:00 am – 12:00 pm CT

Virtual

January 2024

16.01.2024 Tuesday

17.01.2024 Wednesday

9:00 am – 12:00 pm CT

9:00 am – 12:00 pm CT

Virtual

- History
- Leadership
- Structure
- Purpose, Mission, Vision, & Strategy
- Culture

☐ Leadership

☐ Structure

☐ 2023 SSC NA/PCA Priorities

☐ People and Places

☐ ACE – Amazing Customer Experience

☐ Navigating Key Systems

SSC NORTH AMERICA & PCA

Contact Information

Human Resources

Stephanie Stanton Director, Human Resources 1-952-818-3156

Ria Kashani HR Manager – Talent Acquisition 1-952-829-4821

Jenny Fojas Sr. HR Information Systems Administrator 1-760-419-3193

Martin Naydenov **HR Business Partner: PCA** 1-952-818-3125

Andrew Tyler **HR Business Partner: GUS** 1-281-436-5132

Annie Pearson **HR Business Partner: GUS** 1-612-430-5912

Matt Jaeger **HR Manager, Business Partnerships: Canada** 1-289-695-5345
Natalie Pickens HR Compliance and Immigration Manager 1-281-436-5184
Jackie Engstrom Talent Program Manager 1-952-829-4857
Matt VanAhn Recruiter III 1-952-829-4732
Liza Griggs Recruiter II 1-952-818-3184
Brendan Harper HR Manager, Compensation 1-952-818-3181
Chris Bernard HR Manager, Benefits 1-952-829-4799
Mary Kifyak HR Specialist, Talent Acquisition 1-952-818-3198
Email: recruiting@sick.com or SSC05-PCA-HR@sick.com

Organization and People Development

Open Position Director, Organization and People Development
Americas

Kim Meisinger Manager, People Development and Learning 1-952-829-4750
Joseph JK Kovasovic Talent Management and DEI Manager 1-281-436-5127
Tara Lindahl People Development & Learning Trainer 1-952-818-3138
Email: sick-university@sick.com

Information Technology

Monday–Friday 6:30 am–5:00 pm Central Time
Saturday – Sunday: Closed
After hours support is available for *emergency situations only*.

Number: 1-952-818-3200
Email: GUS-ServiceDesk@sick.com
Website: <http://usguss00614:8080/>

SICK Contact Information:

This is general contact information for SICK in the US and Canada. Please save it. You may want to enter some of the information into your phone/contacts to have it handy.

Facilities

Dave McGinty (Director) All Locations 1-952-829-4885
Elliot Jacobson (Manager) Minneapolis, MN 1-952-446-0069
Taylor Lentner (Supervisor) Minneapolis, MN 1-952-829-4797
Mike LaRoche Bloomington, MN 1-952-829-4769
Robert Graham Houston, TX 1-281-436-5160
Chelcie Morency Boston, MA 1-781-302-2569

Front Desk

Sheri Bixby Bloomington, MN 1-952-941-6780
Beth Tade Minneapolis, MN 1-952-486-4455
Tiffany Fox Houston, TX 1-281-436-5196
Chelcie Morency Boston, MA 1-781-302-2569

Administrative Support

Anna Serino Bloomington, MN 1-952-818-8393
Ashley Weber Minneapolis, MN 1-952-486-4454
Kristen Nicholson Bloomington, MN 1-952-829-4788
Sandy Wilson Bloomington, MN 1-952-941-6780
Shannon Jacobson Houston, TX 1-281-436-5100

Tiffany Fox Houston, TX 1-281-436-5196

Customer Care

Jason Steinke Mgr., Commercial Customer Care 1-952-378-6347

Paul Wiltgen Mgr., Commercial Customer Care 1-952-818-3117

Bonnie Capien Supervisor, Sales Services 1-952-829-4878

Customer Service Email cs@sick.com

Inside Sales Email is@sick.com

Return Merchandise Authorization Email returns@sick.com

Payroll

Cindy Lukitsch 1-952-829-4763

Marketing

Dan Minnich 1-952-829-4711

Concur / Travel Expenses

Sue Moranz 1-952-829-4823

Bloomington Address

6900 West 110th Street 1-952-941-6780

Bloomington, MN 55438 Fax: 1-952-941-9287

Minneapolis Address

2601 American Boulevard East 1-952-486-4455

Bloomington, MN 55425 Fax: 1-763-486-4414

Houston Address

5500 N Sam Houston Pkwy West, Ste 100 1-281-436-5100

Houston, TX 77086 Fax: 1-281-436-5200

Boston Address

800 Technology Center Drive, Suite 6 1-781-302-2500

Stoughton, MA 02072 Fax: 1-781-828-3150

Detroit Address

1250 Kirts Boulevard

Troy, MI 48084

San Francisco Address

47432 Fremont Blvd.

Fremont, CA 94538

Toronto Address

2 West Beaver Creek Road, Building 1-298-695-5300

Richmond Hill, ON L4B2N3, Canada Fax: 1-289-695-5313

Calgary Address

5255 McCall Way NE, #178 1-403-537-7455

Calgary, AB T2E 5S6 Canada

SICK AG

Erwin-Sick-Str. 1 +49 7681 202—0

79183 Waldkirch, Germany Fax: +49 7681 202-3863

Mosaic+ SICK Global Intranet <https://mosaicplus.sick.com/#>

SNAP SSC05 & PCA Intranet <https://mosaicplus.sick.com/pages/viewpage.action?pageId=333045034>

ADP

Benefits, Time & Attendance, PTO

Requests, Pay Stubs, Performance

Reviews

<https://workforcenow.adp.com/public/index.html>

SICK USA Employee Handbook

Mosaic Page -> Select US Employee

Handbook -> Login to ADP -> Select

Employee Handbook Link

<https://mosaicplus.sick.com/pages/viewpage.action?pagelId=1645329675>

GUS & PCA Org Charts

Organization Charts

ADP -> Myself -> Employment ->

Organizational Charts

<https://workforcenow.adp.com/theme/index.html#/Myself/empOrganizationalChart>

GUS & PCA Administrative

Services

Office Supplies, Meeting/Lunch

Requests

<http://usgusxsharepoint.sickcn.net/gus/SharedServices/GUSADMINSVCS/SitePages/Home.aspx>

Cisco Web Inbox Electronic Voicemail <https://usguss00903.sickcn.net/inbox/>

SICK Webmail

Microsoft Outlook

(when not on the SICK network)

<https://outlook.office.com/mail/>

IT Help Desk

IT Ticket Submission, Requests,

Solutions

<https://userservice.sick.com/saw/ess>

SICK USA website Product Information, Industry

Knowledge, SICK USA Blog, Social Media

<http://www.sick.com>

SICK U/Cornerstone On Demand Training <http://sick.csod.com>

SIAonline

On Demand Training

(Global Platform for Technical Training)

<https://sia-online.sick.com/>

WebEx Meeting Center, My WebEx <http://sick.webex.com>

CRM Help CRM Support

<https://mosaicplus.sick.com/display/wsGUSCRM365/SSC05+CRM+Global+Homepage>

Concur Travel & Expense Reimbursement <http://www.concursolutions.com>

SICK BEYOND BORDERS SICK Vision & Strategy to the year 2030

<https://mosaicplus.sick.com/display/wsSBB#bf83403b-b395-4092-a59b-18b82fe7a693-414954875>

SBB Strategy Networkers SBB Support for SSC05 & PCA

<https://mosaicplus.sick.com/pages/viewpage.action?pagelId=648695874>

SICK icons and Graphics Icons and Graphic Images

https://mosaicplus.sick.com/pages/viewpage.action?pagelId=337419425&preview=/337419425/446438588/SICK_Slide%20Library_CSS-Workspace.pptx

Share SICK information in your Social

Media, Get Marketing Updates

<https://sick.csod.com/ui/lms-learning-details/app/video/c2fdd80f-88ba-444c-ac95-85f99d9cbb20>

Helpful Links (URLs) and Electronic Resources

Confidential

How to access SICK's Internal Marketing Information

register for access to SICK's Internal Marketing Information on www.sick.com. It's a great way to stay current with what is happening at SICK.

911 Dialing Caution

If you work in a SICK office location, the standard procedure when placing an outside call is to first dial "9". Unfortunately, this can often lead to people mistakenly dialing 922. Please familiarize with the important process on what to do if you accidentally dial 911.

Bottom line: do not hang up and ignore it!

Congratulations!

You are well on your way to orienting yourself to the organization and your new role. We wish you all the best!

Whats next?

If you are wondering what's next, check out these opportunities for ongoing development, training, and employee engagement.

SICK U

SICK U is a learning management system for the United States and Canada. When training is assigned to you, you will receive an email. You will receive a "Welcome to SICK Curriculum" for courses that need to be completed in SICK U within 30-days of assignment. Watch for an email from: ces.mail@csod.com. The subject will be Welcome to SICK University! Be sure to check your deleted and spam folders for the information. For more information use this link to login with your user name and password.

SIA Online

SIA Online (Sensor Intelligence Academy) is a global learning management system. It is where SICK's technical product training is housed. For more information use this link to login as a SICK user.

A note about Training

There are many courses in SICK U and SIA Online that you can explore. You don't need to wait to have courses assigned to you. They are available to you at any time. Spend some time browsing for on-demand courses that support your career growth.

Start your individual Development Plan

An Individual Development Plan (IDP) is essential for employees as it serves as a strategic roadmap for

personal and professional growth. It outlines clear objectives and action steps to achieve your goals, ensuring a structured and focused approach towards success. The IDP encourages self-reflection, identifying strengths and areas for improvement, enabling you to capitalize on your talents while addressing any shortcomings. Moreover, an IDP fosters accountability and empowers employees to take

ownership of their personal development, leading to increased motivation and productivity. By encouraging continuous learning and skill enhancement, an IDP enhances your capabilities, making you

better equipped to adapt to a rapidly evolving world and contribute effectively to your workplace.

Ultimately, an IDP benefits both employees and the organization, promoting lifelong learning and personal fulfillment while ensuring a well-rounded and skilled workforce.

Employee Engagement

Join All Employee Communication Meetings to stay up-to-date with what's happening in the business

Attend one or more SICK Talks to meet with senior leaders in a small group setting

Learn about affinity groups at the DEI Mosaic page, explore Community Engagement, Employee Engagement, Wellness, and Women's Leadership and Empowerment groups here.

Stay connected with your team, and enjoy branching out to meet new colleagues!

Questions? Contact Tara Lindahl

An optics engineer is responsible for designing, developing, and optimizing optical systems and devices. They work with various technologies involving light, such as lenses, lasers, and fiber optics, to create systems used in a wide range of applications, including telecommunications, imaging, medical devices, and more. Optics engineers may design components, conduct experiments, analyze data, and use software tools to model and simulate optical systems to ensure they meet specific performance requirements and standards. Their work contributes to advancements in fields like photonics, astronomy, and microscopy, and plays a crucial role in developing innovative technologies that rely on the manipulation and control of light.

Zemax offers a variety of training options for optics engineers. Here are some of the courses available:

OpticsAcademy: This is the training ground for the future of optics. It offers a variety of courses and learning plans, including an advanced course on designing with aspheres and freeforms, and a course on designing optomechanical systems with Zemax OpticsBuilder¹.

Individual Training: This is for optical engineers who prefer to learn at their own pace. It provides remote learning access to the same great content as their classroom training².

Ansys Zemax Optical System Design: This training series provides all necessary knowledge to get you up and running with OpticStudio sequential mode³.

Designing Optomechanical systems with Zemax OpticsBuilder: This course contains all the learning steps to understand the tools which a CAD users needs to prepare and convert an optical system from Zemax OpticStudio to the CAD Environment and analyse the optical performance with the vast range of the Zemax OpticsBuilder features⁴.

These courses are taught by Zemax's experienced optical engineers using the most current version of Zemax software⁵. They offer self-paced learning, with 24/7 access, digital certificates of completion (shareable on LinkedIn), single-topic courses, Q&A forums for each course, and training notes provided in PDF format.

Ansys SPEOS is a high-precision simulation tool for optical systems based on human visual perception¹. It's integrated into virtual product development and can realistically simulate the real-life individual user experience for improved and even more precise optimization of the end product design¹.

Here are some of its features:

Lighting system modeler: This feature allows you to model lighting systems².

Lighting system analyzer: This feature allows you to analyze lighting systems².

Robust design optimization: This feature allows you to optimize your designs².

Optical part design: This feature allows you to design optical parts².

Extensive optical library: This library contains more than 4,200 samples of lights and materials².

Human vision component: This component enables you to simulate visual predictions based on physiological human vision modeling².

SPEOS also hosts a suite of built-in features including production tolerance simulation, optical design optimizer, lighting system visualizer, pre-defined light sources (ray files), and more³. It's a comprehensive tool that can help optics engineers in their work.