

Driving decarbonization and digitalization. Together.



Working Student/ Internship: Ultrasound Eye Tracking Algorithm Engineer (f/m/div)

Job description

We are more than 58,600 employees worldwide at 86 locations. Our team develops algorithms for Infineon sensors, in particular radar and microphones. We work with both conventional and machine learning based algorithms. If you want to become a part of our team at Infineon and help us make life easier, safer and greener, then apply! We are looking forward to your application!

- **Take responsibility:** You perform and analyze recordings with the ultrasound sensor
- **Focus on the future:** You investigate available methods for eye tracking
- **Lifelong learning:** You develop and implement an algorithm concept for eye tracking (conventional and/ or machine learning based) based on ultrasound

Profile

- **Study field:** You are currently studying Electrical Engineering, Computer Science, Physics or similar
- **Experience:** You have already gained experience with Python, Pytorch or TensorFlow and ideally also with Matlab
- **Knowledge:** You have knowledge of signal processing and are ideally interested in biological work
- **Language skills:** You have good English skills

Please attach the following documents to your application:

- CV in English or German
- Certificate of enrollment at university
- Latest grades transcript (not older than 6 months)
- High school report

Important information:

At a glance

Location:

Job ID: **HRC0882178**

Start date: **Sep 01, 2024**

Entry level: **0-1 year**

Type: **Full time / Part time**

Contract: **Temporary**

Apply to this position online by following the URL and entering the Job ID in our job search. Alternatively, you can also scan the QR code with your smartphone:

Job ID: **HRC0882178**
www.infineon.com/jobs

Contact

Kerstin Meier
Recruiter



- **Working part-time:** The focus is on studies. Therefore, working student is possible during the lecture period with a maximum of 20 hours per week.
- **Proper students (according to the German law) are welcome:** You must be enrolled, and the examination results or modules of your studies must not have been completed yet, so that you can still work in our team for at least 6 months. You must also not be in a semester of leave.
- **You should live close to the site:** It is important for us to work with you on site and to integrate you into the team. You should therefore be able to come to the site regularly.

Why Us

#WeAreIn for driving decarbonization and digitalization.

As a global leader in semiconductor solutions in power systems and IoT, Infineon enables game-changing solutions for green and efficient energy, clean and safe mobility, as well as smart and secure IoT. Together, we drive innovation and customer success, while caring for our people and empowering them to reach ambitious goals. Be a part of making life easier, safer and greener.

Are you in?

– Power & Sensor Systems (PSS) drives leading-edge power management, sensing, and data transfer capabilities –

The PSS division powers decarbonization and digitalization with a wide range of energy-efficient and digital solutions. PSS semiconductors help avoid carbon emissions, use resources sustainably, manage power effectively and intelligently, give ‘things’ smart senses, and process data quickly and reliably. The portfolio includes power, connectivity, RF, and sensor system technologies to develop smaller, lighter, smarter, and more efficient solutions for consumer devices, smart home/building applications, robotics, computing and data centers, charging devices, power tools, and much more.

The next generation of silicon and wide-bandgap (SiC and GaN) solutions provides unparalleled performance and reliability for 5G, big data, and renewable energy applications. These materials are paving the way for further energy and carbon savings. Highly precise XENSIV sensor solutions are enabling IoT devices to react intuitively to their surroundings for seamless user interactions while audio amplifiers bring exceptional sound experiences to smart speakers and other audio use cases.

We are on a journey to create the best Infineon for everyone.

This means we embrace diversity and inclusion and welcome everyone for who they are. At Infineon, we offer a working environment characterized by trust, openness, respect and tolerance and are committed to give all applicants and employees equal opportunities. We base our recruiting decisions on the applicant’s experience and skills.

We look forward to receiving your resume, even if you do not entirely meet all the requirements of the job posting.

Please let your recruiter know if they need to pay special attention to something in order to enable your participation in the interview process.

[Click here](#) for more information about Diversity & Inclusion at Infineon.

