



IN A NUTSHELL

LOCATION

Eindhoven, The Netherlands

POSITION

Control System Engineer

JOB CATEGORY

Technical // Intern to Full-time

DEGREE

Master's with 3-5+ years of experience

Aircision is a startup based in Eindhoven, the Netherlands, developing next generation free space optics (FSO) systems for use in backhaul within new telecom and enterprise networks. Our partners include Eindhoven Startup Alliance (which includes ASML and Philips), multinational telecom system integrators, TNO Space & Scientific Instrumentation and other global research institutes, universities and innovative manufacturers. We are a Spin-off of TNO. We offer competitive pay and an Employee Stock Appreciation Rights Program.

Control System Engineer

You should have interest in developing **new** systems for FSO communications.

Essential Technical Skills

- Knowledge of mechanical engineering or applied physics with specialization in control systems preferred.
- Experience in linear systems, feedback control, discrete-time control, signal processing, filtering and estimation, system identification.
- Able to model and analyze MIMO systems in s- and z-domain
- Programming: Python, basic working knowledge of C++, FPGA (verilog and/or VHDL)

Your responsibilities

- Designing, improving, testing and integrating of the controls of the Free Space Optics system
- Close cooperation with the embedded Software engineering team
- Testing and integration of the control algorithm in a new real-time communication product

Personal Skills

- Strong English verbal and communication skills.
- You are comfortable working in a fast-paced, doing environment.
- Willing to present yourself and necessary technical details to our customers.
- Able to work closely with a wider engineering team within the company and at our partners.
- Prepared to work in a dynamic, multi-disciplinary team while able to work autonomously.
- Self-propelling, flexible, showing initiative, result driven.
- Good interpersonal skills and the ability to have fun.

If this sounds like you, we'd love to hear from you.

You **MUST** have an EU Work Visa or EU Citizenship or the right to work within the EU.

Please forward your CV and covering letter to:

career@aircision.com



We are an equal opportunities employer.
Our policy applies to recruitment, pay and conditions, appraisals, conduct at work, promotion and benefits.
Aircision does not accept unsolicited agency AGENCY C.V.

 **AIRCISION**
www.aircision.com