

WANT TO SEE YOUR CODE FLY? LITERALLY.

Your algorithms won't stay in the lab.
They'll perform live in front of
millions of people around the world.

FLIGHT CONTROL ENGINEER (m/f/d)

 Gilching, Germany
(near Munich)



On-site



Full-time

At Nova Sky Stories, we build the technology behind breathtaking **drone light shows** seen by millions worldwide. Join our passionate, high-impact team and help shape the future of autonomous flight.

WHAT YOU'LL DO

Develop and tune flight control, navigation and state estimation algorithms for autonomous drones.

Implement efficient embedded C/C++ code for onboard hardware (STM32).

Build and use simulation, SIL and HIL environments for development and validation.

Plan and execute flight tests – in the field, with real drones.

Analyze flight data, tune parameters and control architecture, and continuously improve.

Support safe deployment of validated control improvements to our fleets.

YOU BRING

Studying or completed a degree in Aerospace Engineering, Robotics, Electrical Engineering, Control Systems and related fields.

Strong understanding of control theory, state estimation and flight dynamics.

Hands-On experience with PID and at least one advanced control method (INDI, MPC, LQR, adaptive or learning-based control).

Experience with sensor fusion or Kalman filters.

Embedded C/C++ experience (STM32 is a plus).

Python, MATLAB or similar tools for simulation, modeling and data analysis.

Curious, analytical, hands-on and safety-conscious.

WHY NOVA?

Your work flies in live productions around the world.

Own meaningful technical challenges from day one.

Small, highly technical team with real autonomy.

Startup culture where your ideas matter.

Where technology, engineering, art and live entertainment come together.



**Ready to show us
what you've built?**

Send us 1, 2 or 3 of your most complex or interesting projects (professional, academic or personal) and tell us why they're exciting.

*Scan to
apply!*



YOUR CODE COULD SOON BE FLYING ON **THOUSANDS OF DRONES** AROUND THE WORLD.