



# Heimdall Power

## Drone summer internship 2023

### Who we are

Heimdall Power is a Norwegian tech startup working on digitizing the world's power grids - the backbone of our energy system. We want to improve the world's largest human-made machine, and we've got the technology to do so. With our Heimdall Power Neuron and cloud-based software, we're increasing the grid capacity, securing its stability, and reducing the world's greenhouse gas emissions. Our products enable flexible & dynamic operation of the power grid, making it easier to integrate new sources of renewable energy. We're not just committed to the UN's Sustainability Goals; our technology can help ensure we achieve those goals.

We are hiring a group of summer interns to join us in Oslo for the summer of 2023. You will be working closely with the rest of our excellent team in a fast-paced and young working environment.

The **Drone Team** at Heimdall Power is working on UAV applications related to power lines. We are looking for interns who want to participate in a small team working with the following technologies and topics:

- Localization and mapping (SLAM/VSLAM)
- Guidance, navigation and control
- Path planning
- ROS (Robot Operating System)
- Machine learning, AI and data science
- Sensor fusion
- Object detection and -tracking
- Embedded programming

### You

- Are pursuing a BSc/MSc degree in Computer Science, Cybernetics/Robotics, Mathematics or a similar field. We are primarily looking for 3<sup>rd</sup>, 4<sup>th</sup> or 5<sup>th</sup> year students, but anyone interested is encouraged to apply.
- Have experience with software development in languages like C++, C, Python, and MATLAB, and you are interested in learning more.
- Want to learn about agile software development and DevOps.
- Want to learn how to write maintainable and robust code.
- Are motivated, eager to learn, and enjoy team-based work.

### We can offer

- A chance to work on UAV software development with real-world applications, in a green company.
- The opportunity to obtain the "drone driver's license", and practice flying some of our drones.
- Working with a tight-knit and diverse group of highly motivated and skilled people.
- Competitive compensation and great offices centrally located near Nationaltheatret in Oslo.
- Participation in a fun and challenging summer program.

Send an application containing your CV, grades, and a cover letter to [mikkel@heimdallpower.com](mailto:mikkel@heimdallpower.com). The deadline is February 12, 2023.

*We are an equal opportunity employer and value diversity at our company. We do not discriminate on the basis of race, religion, color, national origin, gender, sexual orientation, age, marital status, veteran status, or disability status.*

**Application Deadline:** February 12, 2023

Take a look at other vacant positions and internships at [career – Heimdall Power](#) and read [this article](#) about our last summer internship.