

## Mechatronics Vacancy

In 2030, an estimated 5 billion people will be living in cities. The enormous increase in the urban population raises an important question: how to provide 5 billion people with fresh and healthy food while simultaneously contributing to a better and more sustainable world?

With GrwNxt our goal is to create a fresh food infrastructure in megacities, promising both food safety and security. Fresh food production in cities, tailored to local preferences, 365 days a year. GrwNxt is a start-up Food Tech company based in Amsterdam consisting of a small team of highly experienced individuals. There are multiple data scientists, and you will work autonomously as a software developer. A fellow Codammer will bring you up to speed on all aspects of the business.



GrwNxt is the perfect opportunity to familiarize with the newest concept within Indoor Farming and you will play a big part in the development of prototype hardware and the first testing phase of the concept. We are looking for a creative choreographer of our Ballerina (robotic supersensor) as part of our interdisciplinary international team in Amsterdam. Let her dance!



## **Roles & Responsibilities**

- Writing and programming the software for our robotic supersensor, The Ballerina
- Mapping the technical specifications and needs of the growth module and key hardware components
- Building IoT devices, writing Arduino code and connecting to the IoT network
- Writing code to receive, handle and store all incoming data from the IoT devices
- Managing and possibly repairing IoT devices and checking for software errors
- Develop and design the cloud infrastructure as part of the connection of the growth module

## **Your profile:**

- Keen interest in technical engineering and process technologies
- Keen interest in robotics
- Interdisciplinary (from engineering to software programming)
- Able to think outside of the box
- Strong growth mindset and eager to learn
- Not afraid to build and solder IoT devices
- Preferably some experience with sensors

For more information, visit our website: [www.grwnxt.com](http://www.grwnxt.com) or call us on 020-504 0000

Interested? Please send your CV and a short motivational letter to [Annemieke.roobeek@grwnxt.com](mailto:Annemieke.roobeek@grwnxt.com).