

Take part in our residential sustainable energy revolution

Senior mathematically strong developer to excel our 3D house model

At The Sustainables you are in a unique position to apply your skills and knowledge towards building products which help making people's houses more sustainable. Our main product is <https://homeqgo.nl> - personalized sustainable energy advice shop, including (but not limited to) the following projects:

AdviceService - backend API responsible for finding the right energy products advice for a customer across ~300 000 options.

RemoteQuote - an application used by solar panel installers, insulation companies and others to remotely measure the exterior of buildings in images, design an appropriate system and create a detailed quote in less than 5 minutes.

HouseModel - complex R&D project responsible for generating 3D model of the house based on LIDAR point cloud and other data sources.

And many other interesting projects!

You will be working on our most challenging and critical project - the 3D house model generator. It includes developing and applying algorithms for the 3D model generation, inventing quality metrics (so we can be sure that our model measures up to our high standards), improving the architecture and advocating for high quality code. There will also be a lot of opportunities to work on other projects so you can improve your skills in multiple directions.

What we offer

- A lot of freedom and responsibility
- High pace, short development cycles
- Flexibility in the use of tooling and techniques
- Simple and stable development process (yet we are never done improving it)
- Opportunity to work on different kind of projects to polish your skills
- Flexible working hours, or partially working from home
- An informal environment and motivated colleagues
- Every Friday to end the week together: Kickboxing by Jessey
- Every day team lunch

Skills & requirements

- Experience with 3D geometry/modelling (preferable) and/or
- Experience with CV libraries (OpenCV, Point Cloud Library, etc.) and/or
- Strong mathematical skills (especially in geometry) and ability to apply them quickly to our domain

- .NET stack experience (we use .NET 4.7 and Core, host our solutions in Azure) or a strong desire to learn it
- Databases experience (we use SQL Server, Mongo, Redis)
- Strong software engineering skills, and a desire to keep learning
- Team player
- Experience working (remotely) in Agile Scrum Environment
- Nice to have: a university degree in a scientific/technical field

About us

We offer innovative solutions that make sustainable purchases easier and more profitable.

How we do that? By building smart online tools to measure houses remotely both physically and energetically. Thanks to these tools, consumers can easily request offers for home improvements and sustainable energy.

That is how we connect sustainable businesses and consumers. The result: a better customer experience and substantial cost savings resulting in a faster energy transition towards CO₂ living.

Come and get to know us

If you have become enthusiastic about the position and recognize yourself in the profile outlined above, please contact Paul van den Hout, paul@thesustainables.nl

Acquisition as a result of this vacancy is not appreciated

