

Software Developer

Do you like to become part of an international software development team creating design validation tools for the AEC Industry, such as architects, engineers and contractors? Then your dream job is just around the corner, at the tech startup incubator Yes!Delft.

Xinaps is developing innovative 3D Building Information Model (BIM) validation solutions that will optimize building design and engineering productivity by automatic and real-time monitoring, analyzing and visualizing international building regulations at each design stage. Applying generic BIM databases and its 3D solids, object properties, and classification methods is Xinaps' core intellect. We have our own patented pathfinding algorithm based on required free walking space which automatically generates a distance matrix, based on BIM.

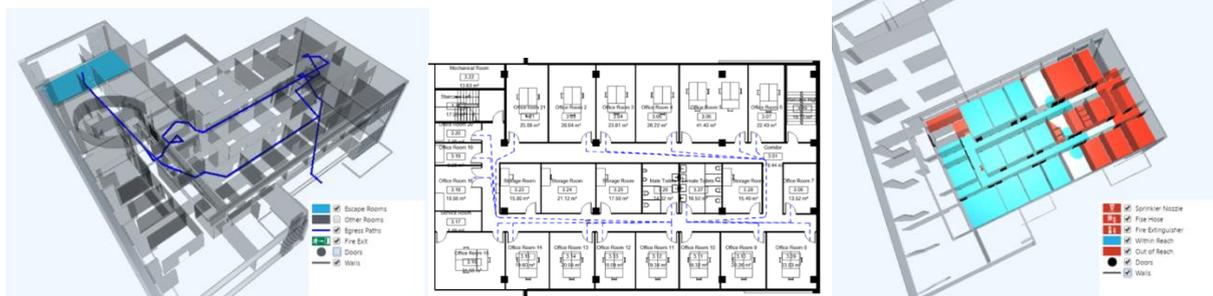
We are looking for an enthusiastic developer to join our team in Delft. This is a great opportunity to join an ambitious company in a big, important, and rapidly changing industry. We offer a software development role where you will be a member of our international team.

Job description

You are to develop software user interactions and/or create smart geometric 2D and 3D algorithms, which are tightly integrated within Autodesk Revit® (pc) and on top of Autodesk Forge (web). You communicate at all levels and enjoy a variety of development tasks, as your code research and software development will be discussed in the team. You will work with and report directly to a Product Manager and Lead Developer. Being creative, pragmatic and data-driven are key profile characteristics.

You will be involved in:

- Creating C# based plug-ins for Autodesk Revit
- Developing 2D and 3D geometric validation algorithms and visualizations
- Translating UI/UX designs into functional and evolving applications.
- Touching unit testing, data analytics, project testing
- Creating ASP.NET Core web applications with the Autodesk Forge APIs and Unity3D WebGL
- Following all tasks associated with agile/scrum development.
- You will be working in a passionate scrum team along with a Product Manager and Lead Developer.



Requirements and Skills

We are looking for a developer with an analytical, pragmatic and structured personality. He must be able to work independently, and not be afraid of detecting and solving the problems on his own.

- ✓ Bachelor or Master in Computer Science, Software Engineering, Geomatics, Data Science & Technology, Imaging Physics
- ✓ Experience with Object Oriented Programming languages (C#, Java, C++) is required
- ✓ Strong affinity for technical challenges and creating innovative solutions is required
- ✓ Experience in 2D or 3D geometry mathematics is strongly preferred
- ✓ Experience and affinity for iterative development methods like Agile or Scrum is preferred
- ✓ Inclination for writing clean, readable and maintainable code is preferred
- ✓ Experience with web app backend architecture is an advantage
- ✓ Experience with front end web frameworks (e.g. Angular, REACT, Vue) is an advantage
- ✓ Experience with database design and set up is an advantage
- ✓ Experience with development tools such as GIT, Visual Studio is an advantage
- ✓ Communication skills in English are required, Dutch communication skills are an advantage

Company Profile

Xinaps is a part of [YES!Delft](#), the leading tech incubator in Europe. YES!Delft has successfully built more than 160 companies so far and every day continues to focus on building tomorrow's leading firms. Together, we will deliver on our promise to enrich design solutions for AEC (Architecture, engineering, construction) professionals by disrupting the industry's status quo.

Founded in 2015 as a spin-off of the Dutch Vabi Software (former TNO company), we are a forward-thinking team that creates smart building checking tools within design software because we believe the building design process needs to be simplified and optimized. Our clients play an active role in tailoring the features of our products. Hand in hand, we work hard on shaping innovative architectural tools right within Revit® and Autodesk Forge. Enriching design solutions for AEC professionals.

Our Offer

A great opportunity to join an ambitious company in an important and rapidly changing industry and actively participate in driving the international business forward. You will be regarded as a full member of the company, while getting a lot of responsibility and personal guidance, in a pleasant and informal working atmosphere.

We offer you a full-time (40 hours) job with competitive salary and interesting benefits.

Are you up for the challenge?

Please send your Curriculum Vitae and Cover Letter to hans@xinaps.com. If you would like to contact us personally, please call Hans de Kruijff at +31 (0)85 043 67 52.