



## R&D SOFTWARE ENGINEER

Bricsys is a global provider of engineering design software brought to market under the BricsCAD brand, powering 2D drafting, 3D modeling, sheet metal design, and building information modeling (BIM). BIM is a new way of thinking in the Architecture, Engineering, and Construction (AEC) industry, shifting from 2D computer-aided drafting to designing 3D virtual models. Bricsys is currently looking for an R&D software engineer to contribute to the product development of its BIM application. Together with a small team, you will be developing new algorithms to solve challenging problems of computational geometry, computer-aided design, rendering, and intelligent data management. By doing this, you will be part of a larger and international team that aims to develop an industry leading and very user-friendly BIM application for customers in the AEC, GIS, civil engineering, and mechanical CAD markets.

### What do we expect ?

- Master in Mathematics, Computer Science, Engineering, Physics or other sciences (or you can prove you are at this level in some other way).
- Experience with Object Oriented programming (e.g. C++, Java, C#, ...).
- Familiarity with general algorithms, data structures, and software design.
- Strong mathematical insight, especially in computational geometry.
- Experience or knowledge of BIM/CAD applications is considered a plus.
- Professional experience is valued but not required if you can show us some relevant or interesting personal/student work.
- Ability to coordinate your work with team members and to communicate openly on looming problems.
- Ability to realistically plan your own work and make reliable promises to your team members.
- English: full professional proficiency.

Interested?

Contact [jobs@bricsys.com](mailto:jobs@bricsys.com) (English or Dutch)

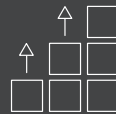


Bricsys® creates .dwg engineering design software with friendly licensing and industry leading support at a fair price. We go the extra mile.

[www.bricsys.com](http://www.bricsys.com)



Flexible working hours



Carreer opportunities



The right tools



Good vibe

### What do we offer ?

- A full-time or 4/5 job in Ghent (UCO tower)
- Flexible hours and sufficient vacation (young parents friendly)
- Competitive remuneration with extras (pension fund, meal vouchers, hospitalization & car insurance)
- A no-nonsense work floor with a flat hierarchy and direct access to management
- Autonomy in planning and designing your own work (guidance and collaboration possibilities are available)
- Interesting mix of team members to discuss designs and problems
- Encouragement to show initiative, learn, grow and develop your own ideas
- Parties, pizza Fridays and other (optional) fun activities

