Software Engineer
(full-time, location: Delft, The Netherlands)
Full Stack Python Developer

Work on unique medical simulation software!

Job description

Become part of our small, ambitious team! We have a passion for the software we create. Improvement of our workflow has a high priority. We strive for a freedom & responsibility work culture and our team members can have a large impact on strategic decisions. We have an informal young work culture: Friday afternoons are closed off with drinks, we have barbecues in summer and our Christmas parties happen to be great!

You will perform challenging development work on our diverse set of software applications, using various technologies. It should be noted that although we are pragmatic, we are not afraid to try out new technology stacks or software architectures. A selection of the software you will be working on:

- ✓ A client/server architecture pre-operative planning system for orthopedic surgery written in Python, using various open source libraries (e.g. VTK and wx).
- ✓ A cross-platform portable uploading tool for our customers' 3D scan data (CT/MRI) written in
- ✓ Python, using Qt.
- ✓ An Azure compute service, which hosts a .NET website (C#) and an SQL Server database.
- ✓ Access to the resources for external applications is exposed through a REST API, and storage is
- ✓ handled using an Azure storage service.
- ✓ An iPad app for viewing analysis results.

In summary, we offer you challenging, diverse software development work, allowing you to share knowledge and grow as an engineer.

Skills & requirements

We prize communication in our team. We are looking for a developer with professional experience, who is not afraid to get their hands dirty with new technologies. Software quality is of great importance when you're working with real patient data, and therefore we are interested in someone who knows how to write maintainable, testable code. In particular, we think the ability to leverage software design patterns (such as MVC) for increased software quality is of great importance.

Nice to have

Since we value software quality, we are especially interested if one or more of the following points apply to you as well:

- ✓ Grounding in linear algebra
- ✓ Familiarity with continuous integration workflow
- ✓ Experience in software testing
- ✓ Experience with Python, C#, VTK