

## Internship: 3D-CAD Modeler, Scripting and CAM-Fabrication Specialist (m/f)

### Responsibilities

- Development and construction of complex 3D geometries
- Production of 3D CAD construction models, including preparation of CAM fabrication data
- Development, programming and application of custom software code and plug-ins for the automatization and optimization of 3D geometric problems and tasks

### Qualities

- Able to demonstrate ability to undertake the above responsibilities
- Proactive approach to daily tasks
- Good interpersonal skills
- Able to work independently and as part of an effective team
- Able to manage and prioritize tasks
- Able to manage sensitive and sometimes confidential information
- Self motivated and able to take responsibility
- Flexible attitude
- Able to build good relationships, internally and externally
- Appreciation of, and commitment to, the business of the Practice
- Due to the nature of the position there might be a requirement to work additional hours as necessary

### Essential Skills

- Excellent knowledge of McNeel Rhinoceros 3D CAD package
- Excellent knowledge of CAM machinery (ex. 2D-laser cutters, 3- / 5-axis milling machines, waterjet cutters, cutting plotters, robots, 3D-Plotters, etc.)
- Strong understanding of complex 3D geometries

### Desirable Skills

- Understanding of 3D vector maths
- Knowledge of VBA / vbScript / RhinoScript scripting languages
- Knowledge of further 2D/3D CAD packages (s.a. Catia, AutoCAD, etc.)
- Knowledge of Visual Studio dotnet
- Knowledge of Rhinoceros OpenNurbs
- Knowledge of Adobe software products (Acrobat, Illustrator, Photoshop, InDesign)
- Knowledge of Maxwell Render
- Knowledge of Microsoft Office

This description reflects the core activities of the role but is not intended to be all-inclusive and other duties may be required. There is a requirement for the post holder to recognize this and adopt a flexible approach to work.

Should you wish to apply for this position, please forward your CV and samples of your work to: [jobs@onetoone.net](mailto:jobs@onetoone.net)