# IST AUSTRIA
*Institute of Science and Technology*

## Grow with us. Support excellent research.

**IST Austria is a constantly growing international institute for conducting frontier research in the life sciences, the physical sciences, mathematics, and computer science, located in Klosterneuburg on the outskirts of Vienna.**

# Software Engineer

### Full time

The Computer Science research group of Bernd Bickel is specialized in the discovery of novel computational methods for fabrication and manufacturing. This exciting new field in Computer Graphics has strong connections with 3D printing, rapid prototyping, soft robotics, and physical simulation. To strengthen our growing team, we are looking for an experienced software engineer to assist our daily research operations. Are you interested in how your future working place may look like? This **video** provides a bird's eye view of IST Austria.

## Responsibilities

- Support ground breaking research with state-of-the-art software tools
- Develop mature software tools based on cutting-edge research results
- Maintain and improve these tools based on your own ideas as well as internal and external feedback
- Work on relevant and practical problems with applications in fabrication and manufacturing
- Work in close cooperation with world-leading researchers in computational fabrication and lay the groundwork for potential spin-off companies

## Requirements

- BSc. or MSc. in Computer Science, (Applied) Mathematics, Engineering, or any relevant field
- Strong passion for software engineering and development
- Working knowledge of geometry processing, numerical optimization, and software engineering
- Ability to effectively communicate in written and spoken English
- Interest in learning something new each day and in solving challenging technical problems
- Interest in assisting and/or joining potential spin-off companies based on the group's research results
- Familiarity with physical simulation (e.g., FEM), 3D computer graphics and graphical user interfaces or CAD is a plus

## IST Austria

- Offers challenging positions in a dynamic and growing organization
- Supports learning and development
- Provides flexible working times and numerous fringe benefits
- Promotes an international and open culture
- Supports an appreciative and respectful work environment
- Values diversity and is committed to equality
- Free Shuttlebus for employees (Departing from Heiligenstadt, travel time: about 22 min.) and free parking places

To apply for this position send your application by e-mail to:

recruiting@ist.ac.at

For this position we offer a minimum salary of EUR 38,000 gross/year - depending on education, qualification and work experience we are ready to offer a competitive compensation in line with the market and are willing to pay above the minimum salary. The position is initially limited for 3 years (with option for extension). IST Austria processes your personal data in accordance with the statutory data protection regulations. For more information please refer to: https://ist.ac.at/data-protection/.