



## WORK OFFER

Ref. No. AT-2021-6005VI

### Employer Information

**Employer:** Angel Valve Project  
Lazarettgasse 12/19  
  
1090 Vienna  
Austria

**Website:**  
Location of placement: Vienna  
Nearest airport: VIE, BTS  
Working hours per week: 40.0  
Working hours per day: 8.0

**Number of employees:** 5  
**Business or products:** Medical device designing

### Student Required

**General Discipline:** COMPUTER AND INFORMATION SCIENCES  
**Field of Study:** Software Engineering

**Completed years of study:** 3  
**Student status requirements:** not required

**Language required:** English Excellent (C1, C2) And

#### Required Knowledge and Experiences:

- Master's/ Bachelor's Degree in Computer Science or related discipline
- 1-2 years of experience as a software engineer is a plus
- Knowledge of C++
- Experience in medical image segmentation, image processing, and 3D visualization is a must
- Working knowledge of FDA, IEC 62304, ISO 13485 requirements
- Experience with technical documentation for medical software

#### Other requirements:

- A good team player who can time-manage and work independently in a fast-paced and challenging environment
- Fluency in English is mandatory, German is a plus
- Start-up mentality

### Work Offered

#### Junior Software Engineer Opportunity

As a Junior Software Engineer for our Imaging team, you will be involved in the development of a Real-time Navigation System to perform image-guided transcatheter mitral valve repair procedures, bringing it through all phases of the development cycle into clinical studies. This position offers tremendous growth opportunities, as the company is still in the formative stage.

#### Roll & Responsibilities

- Assisting in the design and development of a medical software application using the C++ programming language
- Developing and implementing of a 3D image reconstruction algorithm and path planning algorithm
- Responsible for developing software requirement specifications in line with user needs and design input
- Analyzing and resolving technical and application problems
- Generating creative solutions to problems and contributing to innovation through filing of patents
- Identifying and managing key risks throughout the software development lifecycle
- Preparing test protocols and reports, technical summaries, procedures and other pertinent deliverables
- Generating technical documentation and supporting the quality engineer

**Number of weeks offered:** 16 - 26  
**Within the months:** 01-FEB-2021 - 01-JUL-2021  
**Or within:** -  
**Company closed within:** -

**Working environment:** Research and development  
**Gross pay:** 1000 EUR / Month  
**Deduction to be expected:** ~ 20%  
**Payment method / time of first payment:** Bank Transfer /

**Latest possible start date:**

### Accommodation

**Canteen at work:** No  
**Expected type of accommodation:** Student dormitory  
**Accommodation will be arranged by:** student with help of IAESTE

**Estimated cost of lodging:** 400 EUR / Month  
**Estimated cost of living incl. lodging:** 800 EUR / Month

### Additional Information

info talk by IAESTE

### Nomination Information

**Deadline for nomination:** 01-FEB-2021

**Date:** 23-JAN-2021 **On behalf of receiving country:** Alexandra Lipka