

# Simulation Application Engineer (m/f/x)



Full-time or remote position in Virtonomy's Munich-based headquarters

## WHO ARE WE LOOKING FOR?

### WHO ARE WE?

Our vision is to end the use of animals and humans in medical device clinical trials by utilizing data-driven virtual patients. Hereby we virtualize R&D processes in medical device development as a software-as-a-service provider by digitally mapping key steps in the development and approval processes of medical devices and products. This approach from our deep-tech Munich-based startup makes clinical studies faster and considerably less expensive. Our highly motivated team combines expertise in artificial intelligence, medical computer vision, medical technology, computer-aided simulation, augmented reality visualization, clinical practice, UI/UX design and web deployment.



We are looking for a Simulation Application Engineer who has a long-term commitment to take responsibility to support the development of one of our key products: simulation software. Our ideal candidate brings expertise in computational engineering and simulation (fluid and/or mechanical), C++ programming, biomechanical applications and material modeling. He/she is a result-oriented and energetic professional who likes to solve complex technical challenges together with specialists in other domains. He/she has a growth mindset (self and helping others), is optimistic, and has an intrinsic motivation for what Virtonomy is doing. Specific working location is open to discussion.

## WHAT TALENTS SHOULD YOU BRING?

- 2+ years experience with computational engineering and simulation (fluid and/or mechanical)
- 1+ years experience of C++(11/14) and unit testing
- Experience with material modeling (soft tissue)
- Experience with verification and validation of computational models
- Experience in GCC/Clang/CMake
- (Preferred) Experience in webassembly
- (Preferred) Experience with medical device engineering
- Excellent written and spoken English

## HOW TO APPLY?

Do you also want to have an impact in the medical world and change the way of clinical trials? Then contact us at:

[careers@virtonomy.io](mailto:careers@virtonomy.io).

By doing so, you consent to sharing your personal data with us in accordance with all applicable privacy regulations, including GDPR, and that we may use this data for purposes of evaluating your candidacy for this and any relevant future roles with us. You may opt out of this consent by informing us in writing at any time.