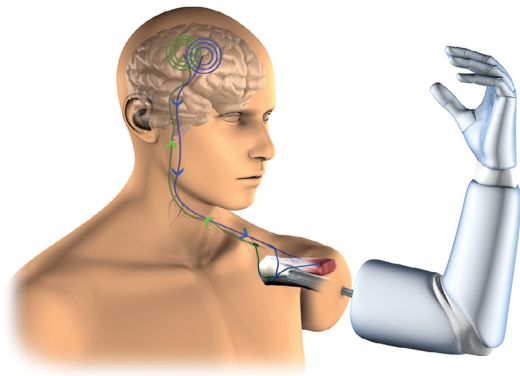


## Software Developer Neuromotus

Integrum is the world leader in the field of bone-anchored prosthetics with over 25 years of experience on osseointegration and medical devices. Our technology has improved the lives of hundreds of amputees around over the world, and we continue striving to provide better solutions. Integrum has developed and clinically implemented breakthrough technologies in collaboration with Chalmers University of Technology and Sahlgrenska University Hospital in the fields of neural prosthetic control and the treatment of phantom limb pain.



**Neuromotus** is a Phantom Limb Pain (PLP) treatment utilizing Machine Learning and Augmented Reality. PLP is a condition affecting 80% of the amputee population, but conventional therapies for treating the condition fall short. The positive effects of Neuromotus were recently published in *The Lancet* and an international large-scale clinical trial is currently ongoing.

### Position summary

Project employment for 2 years with possibility to permanent. Initial test period of 3 months.

### Qualifications

- M.Sc. or Ph.D. degree in related fields.

#### Required experience in:

- Software development standards
- C, C++ and C#
- Virtual Reality
- Matlab

#### Skills:

- Self-driven
- Result oriented
- Customer oriented

#### Desirable experience:

- Medical Devices
- CE marking
- Firmware development
- Microcontrollers
- Hardware integration

### Applications

Please send a cover letter describing your experience (maximum 1 page), and CV to Dr. Max Ortiz C. at [max.ortiz@integrum.se](mailto:max.ortiz@integrum.se).