

Bachelor- / Masterthesis

Software Development, Electrical Engineering & Biomechatronics

Overview & Purpose

SNAP (Sensor Basierte Neuronal Adaptive Prothetik) GmbH is looking for a Student specialized in software and/or app development who is interested in Biomechatronics, Brain Computer Interface and Deep Machine Learning. SNAP is developing products for rehabilitation and physical therapy based on cutting edge technologies.

Education Standards

- Studies of Computer Science, Electrical Engineering, Biomechanic, Mechanics or similar
- Know How in software development in C++ or Python (in combination with QT Creator and SQL Data base or Web Design) and Matlab
- Accustomed to carry responsibility and work independently, goal oriented and systematically
- Good command of English and like to work in a team

Objectives

1. Concept and development of methods and tools to improve and automate a software for active Brain Computer Interface
2. Feasibility analysis in Deep Machine Learning
3. Implementation of a database

You are qualified and interested? We offer an innovative environment in a modern and research-intensive company. We are looking forward receiving your application.