



Quentin Savary

BIOMEDICAL ENGINEER · IMAGE-GUIDED THERAPY

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Education

University of Bern

MASTER OF SCIENCE IN BIOMEDICAL ENGINEERING

Bern

Sep. 2019 - May 2022

- Major: Image-guided therapy
- Master Thesis: "Probabilistic stimulation map for deep brain stimulation"
- Supervisor: Dr. T. A. Khoa Nguyen
- Affiliation: Department of Neurosurgery (Inselspital Bern)
ARTORG Center for Biomedical Engineering Research (University of Bern)

Haute école d'ingénierie et d'architecture de Fribourg

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

Fribourg

Sep. 2013 - Sep. 2017

- Bachelor Thesis: "Optimisation d'un filtre de décimation implanté en virgule fixe sur DSP"

École des métiers de Fribourg

CFC AUTOMATION TECHNICIAN

Fribourg

Aug 2009 - Jul. 2012

Experience

Adept Neuro SA

R&D ENGINEER

Lausanne

Aug. 2019 - Mar. 2022

- Specification, development, verification, and versioning of user interfaces and communication software
- Writing of technical documentation
- Development of electronic systems to perform testing and verification
- Preparation, execution and reporting of verification tests

Aleva Neurotherapeutics SA

R&D ENGINEER

Lausanne

Jan. 2018 - Jul. 2019

- Specification, development, verification, and versioning of user interface and communication software
- Writing of technical documentation.
- Characterization and simulation of the electrode-tissue interface behavior (for deep brain stimulation)
- Development of test benches
- Characterization and simulation of implanted pulse generator signals
- ISO 13485 training

Axalta Polymer Powders Switzerland Sàrl

AUTOMATION TECHNICIAN

Bulle

Dec. 2015 - Mar. 2016

Groupe E Connect SA

AUTOMATION TECHNICIAN

Matran

Sep. 2012 - Mar. 2013

Other experience

Travel

Kirghizistan, Nepal, India, Thaïlande, Philippines

World

Aug. 2022 - May 2023

Languages

French Native language

English B2-C1

German B1

Programming

Python, C++, MATLAB, versioning (Git, SVN)

Interests

Mountain sports (rock climbing, skiing, mountaineering, hiking), music (jazz guitar), chess