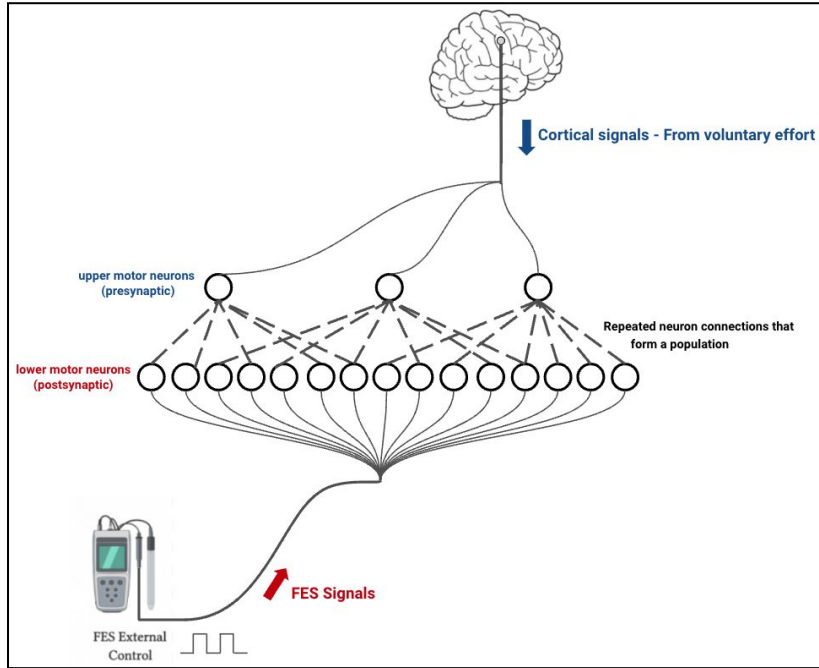# Computational Neuroscience Research

This figure shows a summary of the model architecture that was implemented to simulate how the spinal cord neurons interact.

- Developed a computational model in Python that uses neural networks to simulate the interaction between upper and lower motor neurons in the spinal cord

  - [Access to preliminary code can be found on GitHub](#)

- Effectively managed given time to work under strict deadlines in order to produce results to be submitted for grant application

- Communicated produced results from the simulation and completed the first draft of a research paper that will be submitted to a scientific journal

- Developed programming skills and practiced applying them to biologically accurate scenarios