



Daniel Restrepo Tangarife

Mz 32 Cs 3A Primavera Azul
Dosquebradas
Colombia

E-mail: danielr@utp.edu.co
Phone: (57)3206908003

WORK EXPERIENCE

Universidad Tecnológica, Pereira

March 2019 — Present

Research Assistant
Automatic Group.

Universidad Tecnológica, Pereira

February 2018 — Present

Research Assistant
Applied Physiology and Neuroscience Group.

EDUCATION

Master Student in Electrical Engineering

2019 — Present

Universidad Tecnológica, Pereira

Engineering Physics

2014 — Present

Universidad Tecnológica, Pereira

High School

2008 — 2013

Instituto Técnico Superior, Pereira

AREA OF RESEARCH

- Electrophysiological Models.
- Applied Physiology.
- Neuroscience.
- Bioengineering.

PUBLICATIONS

- Poster Session Titled: "Mathematical Nonlinear Modeling of Chemicalphysics Descellularization In Toy Model of Human Intestine" with corresponding ID 263 at the "6th National Conference of Physics Engineering & 1st International Applied Physics, Engineering & Innovation"
- Poster Session Titled: "Bifurcations and Mode Mixed Oscillation of Hodgkin-Huxley Neuron Conductance-Based Model Using Free Software" with corresponding ID 262 at the "6th National Conference of Physics Engineering & 1st Applied Physics, Engineering & Innovation"

CERTIFICATIONS & COURSES

- Machine Learning Course, Universidad Tecnológica, Pereira (2018).
- Neuroscience Course, Universidad Tecnológica, Pereira (2018).
- Data Science Course, Universidad Tecnológica, Pereira (2019).

- Research Seminar, Universidad Tecnológica, Pereira (2019).

SKILLS

- Proficient in programming of C++, Matlab, Wolfram Mathematica and XPPAUT.
- Practiced in the use of EEG headsets like Cadwell, Emotiv and MindWave.
- Good group communication skills gained through my experience working in the research groups.
- Signal Processing and Machine Learning Algorithms knowledge.

LANGUAGES

- Spanish (Mother Tongue)
- English (Intermediate (B2))