

PROFESSIONAL EXPERIENCE

DATA SCIENTIST – JEDHA IN PARIS, FRANCE (2022)

TEAM PROJECT DEVELOPER - “DEEPPFAKE DETECTION”

- Development of deep learning algorithms for Deepfake detection in video and image data
- Deployment of an interface for Deepfake detection online

GRADUATE STUDENT - UNIVERSITÉ DE PARIS (FRANCE) (2017 - 2021)

NICOLAS BORGHINI TEAM “MECHANOTRANSDUCTION: FROM CELL SURFACE TO NUCLEUS” AT INSTITUT JACQUES MONOD

- Thesis project “*Regulation of Epithelial Migration by Cell Adhesions: Roles of Vinculin*”
- Modeling the migratory behavior of cell based on cell tracking data analysis to understand the collective migration of cells in physiological and pathological (metastasis) conditions
- Creation of ad hoc image analysis scripts and data analysis strategies

MASTER STUDENT - UNIVERSITÉ PARIS DIDEROT-PARIS 7 (FRANCE)

NICOLAS BORGHINI TEAM “MECHANOTRANSDUCTION: FROM CELL SURFACE TO NUCLEUS” AT INSTITUT JACQUES MONOD

- 6-month internship requiring the testing and characterization of a novel molecular fluorescent tension sensor
- Development and implementation of image analysis pipelines

SKILLS

GENERAL SKILLS Proactive towards problem solving ▪ Comfortable with public communication and presentations ▪ Adaptable and autonomous but looking for more teamwork ▪ Assertive

PROFESSIONAL SKILLS Programming (Python, SQL, Spark, ImageJ Macro Language) ▪ ETL (AWS, Pandas) ▪ Data visualization & EDA (Matplotlib, Plotly, Seaborn) ▪ Machine Learning and Deep Learning algorithms (Scikit-Learn, TensorFlow, Keras)

LANGUAGES English (Fluent), French (Fluent), Italian (Native), Finnish (Fluent)

EDUCATION

“DATA SCIENCE DESIGNER - DEVELOPER” CERTIFICATE (2022)

JEDHA BOOTCAMP (PARIS, FRANCE)

PHD IN PHYSIOLOGY AND PHYSIOPATHOLOGY (2017 - 2021)

DOCTORAL SCHOOL BIOSPC - UNIVERSITÉ DE PARIS CITÉ (PARIS, FRANCE)

MASTER IN MOLECULAR GENETICS & MOLECULAR BIOLOGY

MAGISTÈRE EUROPÉEN DE GÉNÉTIQUE - UNIVERSITÉ PARIS DIDEROT (PARIS, FRANCE)

UNIVERSITY OF PADUA (PADUA, ITALY)

International Double Degree Partnership

BACHELOR IN MOLECULAR BIOLOGY

UNIVERSITY OF PADUA (PADUA, ITALY)

CERTIFICATES

- “SCIENTIFIC COMPUTING WITH PYTHON”
2021 – *freeCodeCamp*
- “DATA ANALYSIS WITH PYTHON”
2021 – *freeCodeCamp*