

**Yris Brice Wandji Piugie**

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23 years old

**Yris Brice Wandji Piugie**

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**Yris-Brice Wandji**

## Application for the “Doctoral Position”

### SCHOOL AND ACADEMIC TRAINING

Academic years	Degrees Obtained	Institutions	Grades
2018-2019	<b>Second Years of Master EEA</b> -Electronics, Electrical and Automatic Energy <b>Speciality SISEA:</b> Signal Image Embedded and Automatic System	<b>ISTIC-University of Rennes 1</b>	<b>In Progress</b>
2017-2018	<b>Six years of University study</b> <b>Speciality:</b> Signal processing – Electronics -Telecommunications	University of <b>Dschang</b>	• <b>Good</b>
2015-2017	<b>Master 2 EEA:</b> Electronics Electrical Engineering and Automatic	University of <b>Dschang</b>	• <b>Good</b>
2012-2015	<b>Bachelor of Science degree in Physics</b> <b>Option:</b> Electronics Electrical Engineering and Automatic	University of <b>Dschang</b>	• <b>Fairly well</b>
2011-2012	<b>Advanced Level / Baccalauréat « C »</b> <b>Option:</b> Mathematics and Physical Sciences	Government Bilingual High School of <b>Ndop</b>	<b>Average</b>

### IT SKILLS

**Kalman & Markov Filter – Detection & Estimation - Optimization**

**Signal / Image Processing - Blind Separation Source - ICA**

**Machine Learning - Neuroscience**

**Languages used**

- **Programming:** Pascal-C-C++-Fortran-VHDL-Python-VTK- ITK-OpenCV- CFD-Bash-Arduino
- **Simulation tools:** MatLab-imageJ-MeVisLab-Proteus-Pspice-Microsim-MedInria-VoltBrain-SPM

**IT and Office Automation**

- **Relative Control of the Microsoft Office Pack and Latex**
- **Relative mastery of computer graphics tools such as Photoshop and the Adobe Pack**

**"A Certificate of Completion" in Mavis Beacon Teaches typing with 57 WPM (57 Words Per Minute)**

**Software:** [Mavis Beacons Teacher Typing](#)

**Operating systems:** Microsoft – Linux – Ubuntu – Fedora (GNU Linux)

## PROFESSIONAL EXPERIENCES

Years	Period	Institution / Structure	Mission
2019	6 months of internship	INRIA, University of Rennes 1	Identification of MRI brain imaging biomarkers (Inria/IRISA, UMR CNRS 6074)
2018	Fixed-term contract	Department of Physics University of Dschang	Practical Laboratory Monitor at the Laboratory of Condensed Matter, Electronics and Signal Processing (LAMACETS)
2018	1 week training workshop	National School of Posts, Telecommunications and Information and Communication Technologies (SUP'PTIC)-Yaoundé	We took part in the Workshop Study on Artificial Intelligence - Internet of Things - Digital Marketing - Collaborative Economy via our Startup called Inchtechs
2018	In progress	- RGIS (Rennes) - Complétude (Rennes)	- Inventorist / Auditor in inventory - Educational speaker
From 2015 to 2018	3 months of internship each year	Department of Physics University of Dschang	Research Workshop at Condensed Matter Research, Electronics and Signal Processing Unit (URMACETS)
2016	3 months of internship	Ministry of Posts and Telecommunications MINPOSTEL of Cameroon	Maintenance technician - Interim - Broker Agent

### Skills

Perfect morality and team spirit

## ACHIEVEMENTS

### Professional project

« Secure and rapid transmission of 2D / 3D biomedical images in a 4G / 5G network based on fractional chaotic OFDM multiplex systems »

### Master 2 Research Theme (2018)

« CCA and SOBI based EEG denoising (Blind Source Separation Method): Case of Epilepsy »

### Master 2 Research Theme (2017)

« Simultaneous and secure transmission of multi-channel physiological signals (ECG & EEG) by chaotic DS-CDMA multiplexing »

### Project Manager-Dschang University (2016)

Project realized in Master 1: "Control and Control of a Robot by Bluetooth Via an Android Smartphone"

### Deputy Head of Exposure Group-University of Dschang

Completeness of PLL (Phase Locked Loop or Phase Lock Loop) in Telecommunication

### Project Manager-Dschang University

Project realized in License 3: "Realization of a three-digit binary counter using a microcontroller"

### Project Manager-Dschang University

Project realized in license 3 « Realization of an alarm with detection of the keys using flip-flops D in" Proteus 8 »

## LANGUAGE

- **Language**
  - French:** mother language
  - English:** professionnel level
  - German:** notion
- **Study of languages in e-learning (edX - Duolingo):** Portuguese, Mandarin and Italian

## FUTURISTIC SPECIALTY

Robotic vision and visual servoing

Processing video content and new modalities

Medical Image Registration and GMCAO

Digital Communications and Identification of  
Biomathematical Models

## CENTRES D'INTERET

Member of Humanitarian NGO called **ADRA (Adventist Development Relief Association) in Rennes, France**  
**Position: Treasurer up to now**

Member of a Digital Start-up named « **Inchtechs** »  
**(Website: [www.inchtechs.com](http://www.inchtechs.com))**

Assistant volunteer at the **Association for the Prevention of Domestic and Family Violence abbreviated APVCF (Respect-Tolerance-Peace) Yaoundé, Cameroon**

### ➤ **Miscellaneous**

- ♣ **Music:** tenorite (3 years) at the choir the "messengers"
- ♣ **IT:** Video gamer; court reporter
- ♣ **Reading:** journals; dramatic romans; novels
- ♣ **Sport:** chess player (7 years); football team captain; passionate of volleyball (5 years)
- ♣ **Travel and tourism**