Wilfried L. Bounsi

Computer Science Engineering Student, majoring in High Performance Computing and Big Data

EDUCATION.

Toulouse INP - ENSEEIHT, Computer Science Engineering *2019 - Now*
- ★ 1st year Master's degree, majoring in High Performance Computing and Big Data
- ★ Relevant coursework: *Machine Learning, Advanced Linear Algebra, Numerical Optimisation, Operational research, Graph Theory, Software Engineering.*

University of Burgundy, Computer Science Engineering *2018 - 2019*
- ★ 3rd year Bachelor equivalent, ranked 1st over 84 students, **Head of Batch.**
- ★ Relevant coursework: *C/C++/Java Programming, Image/Signal Processing.*

National Advanced School of Engineering of Yaoundé *2015 - 2018*
- ★ Ranked 16th over 5000+ applicants at the entrance examination contest.
- ★ **Mathematics and Physical Sciences department** *2015 - 2017*
  - ○ 1st and 2nd Year Bachelor equivalent, ranked in the top 5.5% of the Batch.
  - ○ Relevant Coursework: *General/Linear Algebra, Multidimensional analysis, Advanced Calculus, Probabilities and Statistics, C Programming.*
- ★ **Computer Science department.** *2017 - 2018*
  - ○ 3rd Year Bachelor equivalent, ranked 3rd over 36 students.
  - ○ Relevant coursework: *Numerical Analysis, Data structures and Algorithms, Java SE/EE Programming, Software Engineering.*

University of Yaounde I *2014 - 2015*
- ★ 1st year Bachelor in pure Mathematics.

WORKING EXPERIENCES.

Laboratoire de Recherche en Informatique de Toulouse *2019 - Now*
- ★ Part-time, research intern in the Sepia team, working on the subject: **Adapting IO and CPU Usage in a Hadoop infrastructure.**
- ★ Setup, Administration, Benchmarking, MapReduce apps coding etc...

Web Development Freelance *2018 - Now*
- ★ Co-design/development of a crowdfunding platform based in Cameroon. *thanks.jorami.com*
- ★ Design and development of the website of the centralien study support group based in Cameroon. *centralien.org*

Laboratoire Informatique de Bourgogne *2019*
- ★ Summer research intern working on the subject: **State of the art of Machine Learning algorithms for User Modeling.**

Polytech Valor, Cameroon *2016 - 2017*
- ★ Software department intern, working on various tasks such as the ones below
- ★ Co-development of the web site of Algeria embassy in Cameroon. *www.ambassade-algerie-cameroun.org*
- ★ Teaching Assistant during the 2017 edition of the IT security training sponsored by the government, I was in charge of both password security and phishing workshops.

SKILLS.

- ★ Full stack web development, *proficient*.
- ★ Desktop application development, *proficient*.
- ★ Android mobile app development, *intermediate*.
- ★ Machine Learning and Deep Learning techniques (Linear/Logistic regression, Neural networks design and training, SVM , PCA).

SOME PROJECTS.

- ★ **Klazor**: Web application, Binder, note taking, online storage, built with Python/Django. *view on github*
- ★ **AntSimulation**: Application for simulating colonies of social insects and more specifically that of anthills, built with Java/JavaFX. *view on github*
- ★ **Wifibot**: Remote control and monitoring application for a 4-wheel robot with a camera, via the wifi network, built with C++/QT. *view on github*
- ★ **Tdg-Gen**: A Tower defense game generator built with Java/Swing. *view on github*

EXTRA ACTIVITIES.

- ★ Core team member of skoole.org, aiming for quality education in Africa. ***2019 - Now***
- ★ Student tutor in mathematics, High School and College level. ***2018 - Now***
- ★ Participated to the Hacking Health Hackathon at Besançon. Won a prize. ***2018***
- ★ Participated to *Les Entrep'*, entrepreneurship program. ***2018 - 2019***
- ★ General Secretary of the Junior Enterprise of Polytechnique Yaoundé. ***2018***

CONTACTS

- 13 Blvd de Larramet, 31300 Toulouse
- +33 06 98 69 55 80
- linkedin.com/in/wilcoln
- github.com/wilcoln
- wilcoln99@gmail.com
- wilcoln.com

LANGUAGES

FRENCH	**Langue Maternelle**
ENGLISH	**C1 Level, TOEIC 955/990**

PROG. LANGUAGES/TOOLS

- Python, Octave/Matlab
- C/C++, Qt, Java, JavaFx, Ocaml
- HTML, CSS, JavaScript, MySQL, PHP
- Bootstrap, Vuejs, Laravel, Django
- Git, IntelliJ Idea, Visual Studio Code, PhpStorm, Eclipse, UML

SOME CERTIFICATES

- Machine Learning, Coursera, Stanford Online
- Neural Networks and Deep Learning, Coursera, Deeplearning.ai
- Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization, Coursera, Deeplearning.ai
- Structuring Machine Learning Projects, Coursera, Deeplearning.ai
- CCNA Routage et commutation : Initiation aux réseaux
- Google Africa Scholarship Android Developer Course
- Algorithmic Toolbox, Coursera, UCSanDiego

HOBBIES

Jogging, Music, Football, Mangas, Lecture.