EDUCATION.

University of Oxford
Oxford, United Kingdom   Oct 2021 - Ongoing
- ★ MSc in Advanced Computer Science, **acceptance rate of 5%**.
- ★ *Relevant Coursework:* Advanced Topics in ML, Quantum Computing, Artificial Intelligence, Computational Learning Theory, Computational Game Theory.

National Polytechnic Institute of Toulouse, ENSEEIHT
Toulouse, France   Sep 2019 - Sep 2021
- ★ MEng in Computer Science and Applied Mathematics, majored in High Performance Computing and Big Data. **GPA: 3.88/4.0**
- ★ *Relevant Coursework:* Optimization, Machine Learning, Bayesian Analysis, Data Assimilation, Advanced Statistics, Advanced Linear Algebra, HPC, Cloud Computing, Operational Research, Distributed Systems and Algorithms, Software Engineering.

University of Burgundy, School of Engineering
Dijon, France   Sep 2018 - Jun 2019
- ★ 3rd year BEng equivalent, ranked **1st/84**, Head of Batch.
- ★ *Relevant coursework:* C/C++/Java Programming, Image/Signal Processing.

National Advanced School of Engineering of Yaounde
Yaounde, Cameroon   Sep 2015 - Jun 2018
- ★ Most selective engineering school in Cameroon, **acceptance rate of 4%**.
- ★ Ranked **16th (200 selected) over 5000+** applicants at the entrance examination contest.
- ★ 3 years of mathematics, physics and computer science. Ranked in the **top 5%**.
- ★ *Relevant Coursework:* General/Linear Algebra, Multidimensional analysis, Advanced Calculus, Probabilities and Statistics, Data structures and Algorithms.

WORK EXPERIENCES.

NLP Data Scientist and Backend Engineer @ ProfessorBob.ai
Paris, France   Sep 2020 - Ongoing
- ★ Implemented a Knowledge Graph construction pipeline from raw course documents.
- ★ Improved document classification quality by **95%**, through the exploration and implementation of state of the art heterogeneous Graph Neural Networks, leveraging the constructed Knowledge Graph.
- ★ Developed Chatbot and Adaptive Learning plugins for Moodle integration.
- ★ Developed a GraphQL API to interact with the chatbot backend.

Data Scientist Intern @ Pro BTP Group
Paris, France   Jun 2020 - Aug 2020
- ★ Worked on **anomaly detection in time series of financial data.**
- ★ Successfully Implemented anomaly detection algorithms for uni/multi-dimensional time series, along with a web-based interactive dashboard for staff usage.

Data Engineer Research Intern @ Toulouse Institute of CS Research
Toulouse, France   Oct 2019 - Apr 2020
- ★ Worked part-time within the Sepia team on the subject: **Adapting IO and CPU Usage in a Hadoop infrastructure.**
- ★ Performed cluster setup and administration, MapReduce workload development, visualization and descriptive statistics on execution metrics, interpretation of results and suggestion proposals for performance improvement.

Software Engineer Intern @ Polytech Valor
Yaounde, Cameroon   Jun 2016 - Sep 2017
- ★ Co-developed the web site of Algeria embassy in Cameroon. *view*
- ★ Teaching Assistant during the 2017 edition of the gov. sponsored IT security training. workshops.

SELECTED PROJECTS.

- ★ **Quidely**, the largest restaurant catalog and meal delivery platform in Cameroon, with 1400+ listed restaurants, available on mobile and web. *view*
- ★ **Skylon**, one of the largest and most impactful e-learning platform in Cameroon, with over 15k active users, that received a recognition from the GEFL. *view*
- ★ **Hidoop**, a simple yet fault tolerant, clone version of Apache Hadoop, built with Java. Recognized as best student project by supervisor Pr Philippe Mauran.
- ★ **AntSimulation**, Application for simulating colonies of social insects, more specifically that of anthills, built with Java/JavaFX. *view*
- ★ **Wifibot**, a remote control and monitoring application for a 4-wheel robot with a camera, via the wifi network, built with C++/QT. *view*

EXTRA ACTIVITIES.

- ★ Researcher at the Oxford Artificial Intelligence Society.
- ★ Computer Science Student Ambassador at the University of Oxford.
- ★ Student tutor in Mathematics and AI, High School and College level.

Wilfried L. Bounsi

MSc Student in Advanced Computer Science at the University of Oxford.

CONTACTS

- 25 Banbury Rd, Oxford OX2 6NN
- +33 6 98 69 55 80
- wilfried.bounsi@cs.ox.ac.uk
- github.com/wilcoln
- linkedin.com/in/wilcoln
- wilcoln.com

LANGUAGES

FRENCH	Native language
ENGLISH	C1 Level IELTS Academic 8.0/9.0

SKILLS

Programing Languages: Python, C/C++, Java, Dart, Ocaml, Julia, Octave/Matlab, HTML, CSS, JavaScript.

Data Science: Numpy, Pandas, Matplotlib, Seaborn, Networkx, Dash, R, statsmodels, Pytorch, Scikit-Learn, Tensorflow, Keras, DGL.

HPC & Big Data: Hadoop, Spark, OpenMP

Cloud Computing: Kubernetes, AWS, MySQL, Docker

Web/Mobile Development: Django, Flutter, Bootstrap, Vuejs, GraphQL.

Project Management: Scrum, Git, Maven.

ACHIEVEMENTS

- 20+ completed CS online courses. *view*
- Won a prize at the Hacking Health Hackathon at Besançon. *view*
- Team ranked 3rd at the Citadel Data Open Europe Regional 2021, won a cash prize of $2,500.

HOBBIES

Jogging, Football, Mangas, Reading.