STELLA BITCHEBE

25 years old - Cameroonian

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Education

Since March 2019	**2nd Year PhD Student** **Theme: Hardware features for virtualization** **Supervisor: Pr. Alain Tchana** Laboratory i3S, Côte d'Azur University, Nice, France
2015 - 2018	**Diploma of Engineering in Computer Science** National Advanced Polytechnic School of Engineering of Yaounde (ENSPY), Cameroon
2012 - 2015	**Two Year University Degree in Mathematics (DEUG)** Faculty of Sciences, University of Yaounde 1, Cameroon
2012 - 2014	**Senior Statistics Technician** Sub-Regional Institute of Statistics and Applied Economics (ISSEA), Cameroon
2011	**Baccalaureate** General Leclerc High School (LGL), Yaounde - Cameroon

Work Experience

January - June 2020 **(6 months)**	**L3 Assistant Teacher at ENS Lyon** **Ecole Normale Supérieure de Lyon (ENS), Lyon - France** TP in L3, department of computer science: conception and implementation of Practical Works, student monitoring.
September – October 2018 **(2 months)**	**L3 Assistant Teacher at Polytechnic Yaounde** **National Advanced Polytechnic School of Engineering of Yaounde (ENSPY), Yaounde - Cameroon** Course on virtualization in L3, department of computer engineering: class preparation, exam preparation and copy correction, student monitoring.
March - August 2018 **(6 months)**	**Research Internship at IRIT** **Institut de Recherche en Informatique de Toulouse & Laboratoire de Recherche en Informatique de Bordeaux, France** **Supervisors: Pr. Alain Tchana & Pr. Laurent Réveillère** Working Set Size estimation technique based on PML (Page Modification Logging)

July – August 2017 **(2 months)**	**Internship at AAG** **Ashdown Advisory Group, Yaounde - Cameroon** Development of a Business Intelligence module for the AAG's ERP (Enterprise Ressource Planning) X-Manager
November – Drcember 2014 **(2 months)**	**Internship at MINESUP** **Ministry of Higher Education, Yaounde - Cameroon** Realization of the statistical yearbook of the Ministry of Higher Education
February – May 2014 **(4 months)**	**Internship at MINESUP** **Ministry of Higher Education, Yaounde - Cameroon** Design and implementation of a unified database application of state universities in Cameroon
September 2013 **(1 month)**	**Internship at MINESUP** **Ministry of Higher Education, Yaounde - Cameroon** Analysis of statistical data of higher education in 2011 in Cameroon

Publications

➤ *International Conferences*

◎ **Everything You Should Know About Intel SGX Performance on Virtualized Systems**
*Tu Dinh Ngoc, Bao Bui, **Stella Bitchebe**, Alain Tchana, Valerio Schiavoni, Pascal Felber, Daniel Hagimont*
Proceedings of the ACM on Measurement and Analysis of Computing Systems, Sigmetrics 2019 (A* Rank)

◎ **Study Of Intel PML Effectiveness**
***Stella Bitchebe**, Alain Tchana, Laurent Réveillère*
13th EuroSys Doctoral Workshop, Eurosys 2019 (A Rank)

➤ *National Conferences*

◎ **Hardware Assisted Virtual Machine Page Tracking**
***Stella Bitchebe**, Djob Mvondo, Alain Tchana, Laurent Réveillère, Noel De Palma*
National Conference in Parallelism, Architecture and System (Compas) 2019

Posters

◎ **Hardware Assisted Virtual Machine Page Tracking**
Stella Bitchebe, *Alain Tchana, Laurent Réveillère*
National Conference in Parallelism, Architecture and System (Compas) 2019

◎ **Study Of Intel PML Effectiveness**
Stella Bitchebe, *Djob Mvondo, Alain Tchana, Laurent Réveillère, Noel De Palma*
13th EuroSys Doctoral Workshop (EuroDW 2019)

◎ **Technique D'Estimation Du Working Set Basee Sur Le Page Modification Logging (PML)**
Stella Bitchebe, *Alain Tchana, Laurent Réveillère*
National Conference in Parallelism, Architecture and System (Compas) 2018

Talks

◎ **Hardware Assisted Virtual Machine Page Tracking: Compas 2019**
Anglet, France, July 2019

◎ **Study Of Intel PML Effectiveness: EuroSys Doctoral Workshop (EuroDW 2019)**
Dresden, Germany, March 2019

◎ **Hardware Features for Virtualization - GDR and ASF Winter School on Distributed Systems and Network**
Village of Pleynet - Sept Laux, France, February 2019

◎ **Speech to the student of the Computer Engineering Department about my carreer: Polytechnic Yaounde (ENSPY)**
Yaounde, Cameroon, September 2018

Services rendered to the Community

◎ **Student Volunteer at "Journées Cloud 2020": conception of the event website**
ENS Lyon, November 2020

◎ **Sub-Reviewer for the CRI'19 Conference**
Main Reviewer : Alain Tchana

◎ **Student Volunteer at Compas 2018**
IRIT, July 2018

Responsabilities

➢ *Intern Supervision*

◎ **Yves Kone,** M2 Student at Sorbonne University of Paris - Department of Distributed Systems and Applications, *March - August 2020*
  Topic: Applying Intel Sub-Page Permission to Memory Security

◎ **Gaspard Thevenon,** L3 Student at ENS of Lyon - Department of Computer Science, *July - August 2020*
  Topic: Everyone should benefit from Hardware Assisted Virtualization, not only the Hypvervisor

➢ *Other Responsabilities*

◎ **Member of the laboratory council, LIP laboratory, ENS Lyon**
◎ **Member of the parity working group at LIP laboratory, ENS Lyon**
◎ **Participation in the organization of the day: "La science : un métier de femmes"**

Mobility and Collaborations

Since November 2019	**ENS Lyon** Laboratory LIP, Team AVALON, Lyon, France
January - October 2019	**Université Côte d'Azur** Laboratory i3S, Team SCALE, Sophia Antipolis, France
Mars - August 2018	**Univeristé de Toulouse** Laboratory IRIT, Team SEPIA, Toulouse, France

Awards and Distinctions

◎ **SRDS Grants 2019**
◎ **Eurosys Grants 2019**
◎ **Valedictorian of my graduating promotion ENSPY 2018**
◎ **Laureate at the project "Huawei Seed For The Future" 2017**
◎ **Major of the Entrance Competition at Polytechnic School of Yaounde (2015)**
◎ **Award of the Best Dtudent of the seven-year period at General Leclerc High School of Yaounde (2012)**
◎ **Award of Scientific Excellence at General Leclerc High School (2011)**
◎ **Award of the First Prize at the National Competition (dissertation on the importance of water) organized by the Ministry of Water and Energy in Cameroon (2011)**

Personal Traits

- ◎ **Great adaptability and easy integration (mobility Yaounde - Toulouse - Nice - Lyon)**
- ◎ **Great capacity for assimilation**
- ◎ **Ability to work simultaneously on multiple projects and under pressure**