Stella BITCHEBE

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https://www.linkedin.com/in/stella-bitchebe/

Education

Since March 2019	**2nd Year PhD Student**
	Theme: Hardware enhancement for virtualization
	Supervisor: Pr. Alaint Tchana
	Laboratory i3S, Côte d'Azur University, Nice, France
	Laboratory LIP, ENS, Lyon, France
2015 - 2018	**Diploma of Engineering in Computer Science**
	National Advanced Polytechnic School of Engineering of Yaounde (ENSPY), Cameroon

Work Experience

January - June 2020 **(6 months)**	**L3 Assistant Teacher at ENS Lyon**
	Ecole Normale Supérieure de Lyon (ENS), Lyon - France
	Practical Works 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 & Laboratoir 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)**	**Software Development Internship at AAG**
	Ashdown Advisory Group, Yaounde - Cameroon
	Development of a Business Intelligence module for the AAG's ERP (Enterprise Ressource Planning) X-Manager

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

◎ **Talk 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 parity working group at LIP laboratory ENS,** *since 2019*
◎ **Participation in the organization of the day: "La science : un métier de femmes",** *March 2020*

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

◎ **ASPLOS Grants 2020**

◎ **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)**

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**