

Blaise, Ngonmang

PhD student

Defense: 11/27/2014

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Data scientist / IT Project manager.

Experience

- 2013-2014 R & D engineer, Big Data Request Project Project.**¹
The REQUEST Big data project is funded by the French National Research Agency (ANR) to develop tools tools to handle and analyze big data in multiple domain. This project is leaded by Thales.
Main tasks : Conception of a general Framework for the storage and processing of distributed Social networks, Development of novel methods : Conception of a method for community prediction in social network, Communication of the results in international conference and journal.
- 2011-2012 R & D engineer, CEDRES Project.**²
The CEDRES project (in french Composants d'Exploitation de Données des Réseaux Sociaux) was funded by the French National Research Agency (ANR) to develop monetization tools for online social network.
Main tasks : Analysis of a real large online social network (skyrock.com), Development of novel methods for local community identification and Churn Prediction, Communication of the results in international conference and journal.
- 2008-2011 IT Project Manager** Ringo, Telecom industry, Cameroon (www.ringo.cm)
- Project Planning, Team Management, Quality Management
- Example of project : Mobile payment service, Enterprise Resource Planning, Business Intelligence, country wide Hotspot connection
- 2007-2009 IT instructor/ Network Administrator**, MTN School Connectivity, Cameroon
Main tasks : Training of teachers, administration of the network.

Education/Training

- 2011-2014 Ph.D. in sciences, University of Paris 13, Sorbonne Paris Cité (Defense 11/27/2014)**
Detection and dynamic of local communities in large social networks.
-Advisor :Emmanuel Viennet, Professor.
- 2013-2014 Certificate in Business Administration, Sorbonne Paris Cité**
Strategy of organisation, Marketing, finance and project management.
- 2014 Coursera**
Machine learning (100%), Model thinking(97%), Heterogeneous Parallel Programming(95%), Mining Massive Datasets (In Progress)

1. https://twitter.com/Projet_REQUEST

2. <http://www.agence-nationale-recherche.fr/Colloques/RencontresduNumerique2013/fichiers/posters/v4/ExDeuss.pdf>

2006-2008 **Master in computer sciences** (University of Yaounde I-Cameroon) (grade : A. (1st/60))

2003-2006 (African Institute of Computer Sciences) (grade : A. (1st/50))

Languages

English Read, talk, write. TOEIC score : 925

French Mother tongue

Area of competences

Social Network Analysis

Community detection, link prediction, Information diffusion

Machine learning/ Recommendation Systems

Classification, clustering, Content-based recommendation, Collaborative filtering

Programming

Java, Python, C++

Distributed frameworks : Hadoop, Giraph, Spark, GraphX

Database Management Systems

Oracle, MySQL, HBase, MongoDB

Selected publications

- [1] Blaise Ngonmang, Emmanuel Viennet, and Maurice Tchuente. Predicting users behaviours in distributed social networks using community analysis. Lecture Notes in Social Networks, Springer International Publishing, 2014, pp 119-138.
- [2] Blaise Ngonmang, Emmanuel Viennet, S. Sean, Françoise Fogelman-Soulié, and Rémi Kirche. Monetization and services on a real online social network using social network analysis. In ICDM workshop on Data Mining Case Studies and Success Stories, pages 185-193, Dallas, USA, December 2013.
- [3] Blaise Ngonmang, Maurice Tchuente, and Emmanuel Viennet. Local communities identification in social networks. Parallel Processing Letters, 22(1), March 2012.
- [4] Blaise Ngonmang, Emmanuel Viennet, and Maurice Tchuente. Churn prediction in a real online social network using local community analysis. In IEEE/ACM Int. Conf. on Advances in Social Networks Analysis and Mining (ASONAM'12), pages 282-290, August 2012.

Full list available here : <http://www-l2ti.univ-paris13.fr/~ngonmang/publis.html>

Others

- Awards**
- * Best talk, Phd Student day, April 2013 - Villeteuse (France);
 - * First price, Maastricht Summer school on Datamining, August 2011;

References

Emmanuel Viennet, Professor, University of Paris 13

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Francois Soulié-Fogelman, Professor, Former VP Inovation, KXEN-SAP³

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3. <http://www.sap.com/pc/analytics/predictive-analytics/software/infiniteinsight/index.html>