Mohamed Maouche

Curriculum vitae

https://mmaouche.github.io
mohamed.maouche@insa-lyon.fr

Work experience

October 2016 – Present

INSA-Lyon LIRIS Lab, France.

Phd. Student

In the fields of Data Science, Security and Privacy. Working on Location Privacy. And more precisely on re-identification attacks and obfuscation techniques

October 2016 – Present

INSA-Lyon, France

Teacher

Teaches computer science in the computer science department of INSA-Lyon (Dept. IF) and in the first cycle department (Dept PC).

October 2016 – Present

INSA-Lyon LIRIS Lab, France

Reviewer

Paper reviews in international conferences : SRDS 18, Euro-Par 18, ICDCS 18, Shadow PC Eurosys 18.

Internship

January 2016 – June 2016

UTC - Heudyasic Lab, France

Research Intern

In the field of Optimization in Operations research. Working on the Vehicle Routing Problem (VRP).

June 2014 – August 2014

CDTA of Algiers

Intern

Study of a formal method proposed by a research team in the University of Queensland (Australia) which purpose was to transform a BPMN model into a Petri network.

Responsibilities

Co-webmaster of IEEE SRDS 2019.

Server administrator of DRIM Reasearch Team.

Manager of DRIM's twitter account.

Education

2011 –2016 **Engineer/Master degree In Computer Science**
Ecole Nationale Superieure d'Informatique - ESI

2008 – 2011 **Baccalaureat in Mathematics**
High school diploma
Bouamama High school, Algiers

Teachings

Computer Science	Algorithmic, OOP
Operating Systems	C, Scheduling, Concurrency, Memory Management, File System
Web data	XML, XPath, MongoDB
Semantic Web	RDF, SPARQL
HCI [1]	Android Project

Communication skills

French	Native speaker
Arabic	Native speaker
English	Oral : Good – Written : Good

Software skills

Good level	Java, Scala, Python, C++, C, MatLab git, shell, Linux, XML
Intermediate	Android, HTML, XSL, JavaScript, LaTeX, R, MySQL, IOS (Cisco), UML

1. Human Computer Interaction

Publications

International Conferences & Journals

M. Maouche, S. Ben Mokhtar and S. Bouchenak. AP-Attack : A novel Re-identification Attack On Mobility Datasets. MobiQuitous 2017.

V. Primault, M. Maouche, A. Boutet, S. Ben Mokhtar, S. Bouchenak, L. Brunie. ACCIO : How to Make Location Privacy Experimentation Open and Easy.. ICDCS 2018.

M. Maouche, S. Ben Mokhtar and S. Bouchenak. HMC : Robust Privacy Protection of Mobility Data against Multiple Re-Identification Attacks. Ubicomp 2018.

French Local & National Conferences

M. Maouche, S. Ben Mokhtar and S. Bouchenak. Attaques de ré-identification des utilisateurs à partir de leurs traces de mobilité. Compas 2017

M. Maouche, S. Ben Mokhtar and S. Bouchenak. HMC : Préservation de la vie privée des utilisateurs sur les données de mobilité par la protection contre les attaques de ré-identification. Compas 2018

J. Ikherbane,M. Maouche, S. Ben Mokhtar and S. Bouchenak. Calcul multipartite sécurisé basé sur un environnement d'exécution sécurisée. Compas 2018

M. Maouche, S. Ben Mokhtar and S. Bouchenak. SFERA : Assessing Location Privacy with Re-Identification Attacks. APVP 2017

V. Primault, M. Maouche, A. Boutet, S. Ben Mokhtar, S. Bouchenak and L. Brunie. How to Make Privacy Experimentation Open and Easy ?. APVP 2018