

CHARLES PEREZ

Research Intern

Charles Delaunay Institute (ICD)
University of Technology of TroyesEmail: charles.perez@utt.fr**Professional Preparation:**

- 2009–2010 Student of UTT, Masters IMSGA (Engineering and management in global security and applications) **PhD proposal due for defense in January 2011**
- 2008 ERASMUS 6 months Exchange program in Metropolia, Helsinki, Finland
- 2005–2010 ESIEA, high school of engineering (École Supérieure d'Informatique Électronique Automatique), Laval, France
- 2004 Advanced classes of Mathematic, Physic and Engineering Science (MPSI), Mont-de-Marsan, France
- 2003 High school diploma, Science specialty, Mont-de-Marsan, France
Languages English C1, Spanish B1, (Finnish, Russian, Greek, Latin) basic level

Publications:

- Charles PEREZ**, Babiga BIRREGAH, Patrick LACLEMENCE and Eric CHATELET. "A combined approach to detect suspicious networks in graphism" VSST'2010 (Veille Stratégique Scientifique et technologique), October 25–29 2010, Toulouse, France.
- Charles PEREZ**, Babiga BIRREGAH. "Anomaly Detection in Online Social Networks," *Technical report, DARSI/2010.O6/01*.
- Charles PEREZ**, Babiga BIRREGAH "Anomaly detection in online social networks." Technical report UTT-IMSGA 2 P2010 *Working paper DARSI/2010.09/01*.

Conferences and Workshops:

- FIC 2010 4th international forum of cybercriminality, March 31–April 1st, Lille, France (Participant)
- JFIN 2010 4th Journées Francophones de l'Investigation Numérique, September 28–30, University of Technology of Troyes, France (Local organizing committee)
- VSST' 2010 International seminar "VEILLE STRATEGIQUE SCIENTIFIQUE & TECHNOLOGIQUE," October 25–29 2010, Toulouse, France (Contribution)

Work Experience:

- 2010 Research internship for the master and engineer degree in the Charles DELAUNAY institute of UTT. Subject: "Impact of social networks on the security of Smartphone's users and their data."
- 2009 Technical internship in CAF (Caisse d'allocation familiale). Subject: "Improvement of an Automatic Document Recognition chain."

Achievements:

- 2010 DARSI V1.0 Anomaly Detection in Online Social Networks application written in Java programming language (Project from January to June in UTT)

- 2009 QUIZ3 V1.0 3D OpenGL game with a wireless communication between the remote controls and a computer
- 2008 An application developed as a questioner on general culture with a voting possibility done by remote controls
- 2007 Electronic system that permits the automatic management of an aquarium