

LISONG GUO

CONTACT

Email : lisong.guo@inria.fr

Mobile : 1-515-708-4913

EDUCATION

PhD in Informatics University of Pierre and Marie Curie, France *2012–2015*
– graduate student sponsored by Inria, work in the Laboratory of Paris 6 (LIP6).

Master in Informatics University of Trento, Italy *2010–2011*
– graduated with Cum Laude, the second year of the *Erasmus Mundus* program.

Master in Informatics RWTH Aachen, Germany *2009–2010*
– enrolled in the international dual-master program named *Eramus Mundus*, funded by EU.

Bachelor in Software Engineering Tongji University, China *2004–2008*
– obtained in total 180 credits within 6 semesters, with GPA : 4.61/5, ranking : 3/153

EXPERIENCES

Visiting Scholar Iowa State University, USA *2014.09–2014.12*
– work with Prof. Tien N. Nguyen on a project of Mining Software Repository.

Teacher Assistant Université de Versailles-Saint-Quentin *2013.10–2014.01*
– helped with the lecture on the principles and applications of database.
– gave lectures on the exercises to the first-year master students.

Software Engineer Intern SAP Lab, Sophia Antipolis, France *2011.03–2011.09*
– worked in the project that aimed to automatically verify security protocols.
– developed a parser for the TTCN-3 language.

Research Assistant RWTH Aachen, Germany *2010.03–2010.08*
– designed a Eclipse RCP Plug-in that enables users to match data schemas, *eg. SQL, XML etc.*
– developed a parser for a prolog-alike data schema matching language.

Software Engineer EMC R&D center, Shanghai *2008.02–2009.08*
– worked on a cloud-computing storage product named Atmos.
– designed a Erasure-Coding based data storage policy.

Software Engineer Intern Ericsson R&D center, Shanghai *2007.07–2008.01*
– worked on a project for the annual competition in the Business Innovation department.
– developed a value-added service integrated with mobile location service.

LANGUAGES PROFICIENCY

Chinese : native **English :** fluent **French :** working proficient **German :** basic

HONORS AND AWARDS

- Erasmus Mundus Scholarship, selected from a pool of 1023 candidates.
- Runner-prize in Apple Developer Competition in China, 2007.
- consecutive First-prize (top %5) scholarships from 2004 to 2008.

PUBLICATIONS

- Lisong Guo, Julia L. Lawall, Gilles Muller : *Oops! where did that code snippet come from?* **MSR 2014** : 52-61.
- Lisong Guo, Peter Senna Tschudin, Kenji Kono, Gilles Muller, and Julia Lawall : *Oops! what about a million kernel oopses?* Technical Report RT-0436, **Inria 2013**.
- Xiang Li, Christoph Quix, David Kensche, Sandra Geisler, Lisong Guo : *Automatic generation of mediated schemas through reasoning over data dependencies*. **ICDE 2011** : 1280-1283

SKILLS

- Familiar with Imperative, Object-Oriented, and Functional programming concepts.
- Proficient in the programming languages of C, C++, Java and OCaml.
- Deep knowledge and skills with the design and application of database, *e.g.* MySQL.
- Knowledge and experiences on Web applications with J2EE, Ruby on Rails and PHP.
- Knowledge on languages and tools to do data analysis, such as MATLAB, R and RapidMiner.
- Multiple development experiences on Linux (git, SVN), Windows (VS) and Macintosh (Xcode).
- Pick up any new programming framework or environment fast.

ACTIVITIES

- | | | |
|---|------------------|-----------------|
| EuroSys | Amsterdam | <i>Apr 2014</i> |
| – attended the conference on systems and presented a poster. | | |
| Google PhD Summit | Munich | <i>Nov 2013</i> |
| – attended the submit on programming languages, sponsored by Google Munich. | | |
| École Jeunes Chercheurs en Programmation | St.Malo & Rennes | <i>May 2013</i> |
| – participated the spring school on the theories and techniques of programming. | | |
| Summer School on Research-ware Machine Learning | Dortmund | <i>Sep 2012</i> |
| – participated the summer school on machine learning, sponsored by TU Dortmund. | | |
| Winter School on Hot Topics in Distributed Computing | La Plage | <i>Mar 2012</i> |
| – participated the winter school and presented a research proposal. | | |
| European Conference on Computer-Supported Cooperative Work | | <i>Sep 2011</i> |
| – participated the conference as a student volunteer in Aarhus, Denmark. | | |

CURRICULUM

- Function Programming, with Haskell and Lambda calculus
- Model Checking, with LTL and CTL
- Machine Learning (Bayesian network, SVM, KNN)
- IT Security, covered both theories and a practical seminar
- Real-Time Operating systems
- Distributed Systems
- Principals and Implementation of Database
- Mathematical Logic (PL, First-order Logic)
- Project Management
- Computational Complexity (P, NP, NP-complete)