

EDUCATION

- University of Pennsylvania – Ph.D in Computer Science – Philadelphia, PA.*** *Fall 2016 -*
- Duke University – Master of Science in Computer Science – Durham, NC.*** (GPA: 3.682) *2014-2016*
Classes: Computer Architecture, Energy-Efficient Computer Systems, Operating Systems, Distributed Systems, Discrete Math, Advanced topics in Distributed Systems, Algorithms, Datacenter Architecture.
Projects: Recommendation system for heterogeneous infrastructures, various OS classics (threads library, Chord, web proxy).
Master Thesis: Studying Recommender Systems to Enhance Distributed Computing Schedulers.
- SUPINFO - Master of Science in Computer Science – France, England, China.*** *2007-2012*

TECHNICAL SKILLS

Systems: GNU/Linux, KVM/QEMU, vSphere, OpenStack, AWS
Tools: Git, Jenkins, Vagrant
Languages: Bash, Perl, SQL, PHP, C, Python, Scala, Puppet
Big Data frameworks: Apache Spark, Hadoop

LANGUAGES

French: Native
Spanish: Fluent
Mandarin Chinese: Beginner

EXPERIENCE

- Quality Control Director** *Apr 2014*
France/Tunisia: Skopeo (Software editor, 8 employees)
 - Created the software development process and implemented the infrastructure (git, mantis, AWS Ec2, ...). *-*
 - Trained the Tunisian team during their kick start, interviewed candidates (project managers, engineers, team leaders). *Aug 2014*
- R&D Engineer** *Jan 2012*
Paris: Hedera Technology (Software editor, 10 employees)
 Development of a smart physical and virtual infrastructures management software. Among many others: *-*
 - Participated in the conception of the Rule Engine (Smart Workload Management). *Jan 2014*
 - Developed the software components needed to interact with **vSphere** and **OpenStack**, from prototyping to tested integration.
 - Ported the software on Windows and successfully integrated it in a customer's production environment.
 - Trained a customer's tech team to OpenStack.
 - Managed an intern
- Quality Control Internship** *Jun 2011*
Canton: BysoftChina (SEC, 100 employees)
E-commerce team: 12 workmates, then **CMS** team: 20 members. Tools: Magento, Prestashop, Drupal, eZpublish. *-*
 Responsible for 15 projects, with around 500 tickets opened, followed and confirmed as solved. *Nov 2011*
 Updated development life-cycle and quality manual of the company with respect to **ISO-9001:2008**.
- Software engineering internships**
Paris: Hedera Technology (Software editor, startup of 8 employees) *2010 - 2011*
Paris, London: 6 different summer and part time internships. Please refer to [linkedin](#) for more details. *2007 - 2010*

ADDITIONAL EXPERIENCE

- Teaching experience**
 - **Duke TA:** Spring 2015: (Undergrad) [Introduction to Computer Science](#). Fall 2015: (Grad) [Distributed Systems](#). Spring 2016: (Undergrad) [Operating Systems](#).
 - **Supinfo TA:** Spring 2011 Novell, Mandriva, Ethical Hacking.
 - **Supinfo Campus Lab Manager:** London's Linux laboratory's activities supervision.
- Research experience**
 - **Research Assistanship:** Summer 2015 and fall 2015 with prof. [Benjamin C. Lee](#).
 - **Research Group:** Member of the [System Architecture Integration Laboratory](#) Fall 2014-Spring 2016.
 - **Research Engineer:** Two years in a Cloud Management innovation startup, [Hedera Technology](#)

PASSIONS

- Free diving
- Dancing
- Traveling
- Learning things
- Reading