Bertrand Tornil

Principal Software Engineer

Some stuff about me

- PhD in Computer Sciences
- Web Application Architectures
- Data Platform Architectures
- DevOps
- Open Source Technologies

Technical skills

In short	I deliver available, scalable and observable web services..
Languages	Python, Javascript, Go.
Databases / NoSQL / Timeseries	MariaDB, PostgreSQL, MySQL, Redis, Memcache, Clickhouse, Prometheus, Orchestrator.
Other Data related stuff	Kafka, Google BigQuery.
Cloud	Azure (+++), AWS (++), GCP (+).
Containers	Kubernetes, AKS, Docker, Compose, ECS.
Devops	Ansible, Terraform, Continuous Integration, Prometheus, Grafana, Consul, SigNoz, Jaeger, OpenTelemetry.
OS	RedHat, Ubuntu.
Misc.	frontend hobbyist, currently playing with vue.js and audioworkers API, used to be on-call.

Education

2006 **Doctor of Philosophy in Information Systems**, *Université Paul Sabatier*, Toulouse, France.

2001 **Master of Science in Computer Information**, *Université Paul Sabatier*, Toulouse, France.

1999 **Bachelor of Science in Computer Science**, *Université of Limoges*, Limoges, France.

Professionnal experience

1903   Nobel Prize in Physics. Awarded for her work on radioactivity with Pierre Curie and Henri Becquerel

1911   Nobel Prize in Chemistry. Awarded for the discovery of radium and polonium

Conferences and Publications

1. Bertrand Tornil, A. R. (2011). *Iscool story.* `https://fr.slideshare.net/bertrandtornil/symfony-live-2011`

2. Tornil, B., & Baptiste-Jessel, N. (2005). Effets du retour de force sur la performance lors d'un geste de pointage. *Proceedings of the 17th Conference on l'interaction Homme-Machine*, 231–234.

3. Tornil, B., & Baptiste-Jessel, N. (2005). Music haptic: Musical harmony notions for all with a force feedback mouse and a spatial representation. *ICMC*.

4. Baptiste-Jessel, N., Tornil, B., & Encelle, B. (2004). Using SVG and a force feedback mouse to enable blind people to access "graphical" web based documents. *Computers Helping People with Special Needs: 9th International Conference, ICCHP 2004, Paris, France, July 7-9, 2004. Proceedings 9*, 228–235.

5. Tornil, B., & Baptiste-Jessel, N. (2004). Use of force feedback pointing devices for blind users. *User-Centered Interaction Paradigms for Universal Access in the Information Society: 8th ERCIM Workshop on User Interfaces for All, Vienna, Austria, June 28-29, 2004, Revised Selected Papers 8*, 479–485.

6. Tornil, B., & Baptiste-Jessel, N. (2004). Accessibilité à l'harmonie grâce à une souris à retour de force et une notation spatiale. *Secondes Rencontres Jeunes Chercheurs En Interaction Homme-Machine, RJC-IHM'04, 20-22 Octobre 2004, Lacanau, France*, 149–152.

7. Tornil, B., & Jessel, N. (2001). GEOGR'HAPTIC: Using SVG and a force feedback mouse to enable blind people to access geographic web based documents (poster). *UAHCI: 1st International Conference on Universal Access in Human-Computer Interaction, New Orleans (Louisiana USA), 05/08/01-10/08/01*, 78–80. `http://uahci.ics.forth.gr/`