Timothée Jourde

Computer Science Master's Student

timothee.jourde@u-bordeaux.fr   twenty-three
timjrd.github.io/cv
+33 6 79 50 56 22

Fond of computer science and autodidact, I'm looking for a final year internship starting on April 2019. I'm mainly focused on functional programming.

Work Experience

June - July 2018 — *Haskell   AI*
Internship at LaBRI, Formal Methods team (master's degree, first year): design and implementation of a parametric Mastermind computer player. Supervised by (4) and (5). github.com/timjrd/mastermind

June - July 2017 — *Scala   Scala.js   D3.js*
Software developer position at ISPED, ERIAS team: continuation of the previous project, in partnership with LaBRI (see below).

March - August 2016 — *Java   Lucene   GWT   Data mining   Semantic Web*
Software developer position at ISPED, ERIAS team: development of an online forums analysis system targeted at spotting medications misuses by the population, with a web visualization application. Supervised by (3).

April - May 2015 — *C++   OpenGL   GLSL   Scala   Spark   Big data*
Internship at LaBRI, EVADoMe team (technical degree): implementation of a massive data visualization application based on parallel coordinates, with a distributed backend infrastructure. Supervised by (2). This work has provided the basis for a publication (1).

Skills

Haskell — Very interested. Mainly focused on this language. Several projets done. Internship experience. Good command of the base language. Regular readings.

C++ — Interested. Several projets. Internship experience. Good command.

Java — Several projects. Work experience. Good command.

C — Several projects. Decent command.

Scala — Very interested. Work experience. Decent command.

—

GNU/Linux — Good knowledge and daily usage.

Nix/NixOS — Very interested. Daily usage. Decent command.

Git — Good command.

—

CSS3 — Interested. Several projects. Good command.

XHTML5 — Decent command.

—

Free Software enthusiast. Inquisitive, in-depth computer science knowledge.

Education

currently — Computer science master's degree at University of Bordeaux, software engineering specialisation (M2, second year).

2017 - 2018 — Computer science master's degree at University of Bordeaux (M1, first year).

2016 - 2017 — Computer science bachelor's degree at University of Bordeaux (L3, third year).

2013 - 2015 — Computer science technical degree (DUT) at Bordeaux University Institute of Technology (IUT).

2013 — High school diploma, mathematics specialisation (BAC S).

Publication

1. Joris SANSEN, Gaëlle RICHER, Timothée JOURDE, Frédéric LALANNE, David AUBER, Romain BOURQUI. "Visual Exploration of Large Multidimensional Data Using Parallel Coordinates on Big Data Infrastructure". *Informatics*. 12 July 2017. www.mdpi.com/2227-9709/4/3/21

Languages

French — Native language.

English — CEFR B2 (upper intermediate). Daily reading of technical articles and documentation.

References

2. Romain BOURQUI. Associate professor at LaBRI, EVADoMe team (Bordeaux Laboratory for Computer Science Research ; Visual Analytics and Interactive Exploration of Massive Data). bourqui@labri.fr

3. Gayo DIALO. Associate professor at ISPED, ERIAS team (Bordeaux School of Public Health ; Computer Research Applied to Health). gayo.diallo@u-bordeaux.fr

4. Hugo GIMBERT. CNRS researcher at LaBRI. hugo.gimbert@labri.fr

5. Nathanaël FIJALKOW. CNRS researcher at LaBRI. nathanael.fijalkow@labri.fr