

Pierre-Alexandre St-Jean

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<https://pa.stjean.me>

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Experiences

Team Lead - Cloud infrastructure | Coveo

Jan 2017 - Now | Québec, Canada

- * Lead the infrastructure team (project planification, 1on1, ...)
- * Deployment of container clusters (Kubernetes)
- * Lead the infrastructure as code effort through all the company
- * Organize hackathons and conferences

Software developer | Coveo

Dec. 2014 - Jan. 2017 | Québec, Canada

- * Analytics backend developer, >2.5M events/day
- * Database Optimizations SQL(Redshift) Schema and queries
- * Implementation of Load balancing of Database clusters
- * Build automated Cloud infrastructure for demo environment (docker, consul & AWS)
- * Organize hackathons and conferences

Lab teacher - Introduction to software engineering | Université Laval

Sept. 2015 - May 2016 | Québec, Canada

- * Build a new practical lab on software engineering processes
- * Lectures on software engineering processes
- * Help students with the laboratories

Masters Research Student | CERVO Brain Research Centre

Sept. 2013 - Dec 2014 | Québec, Canada

- * Design of a biological systems dynamic model analysis tool

Software analyst intern | Aluminerie Alouette

Summer 2012, January to august 2011,
January to april 2010, summer 2008 | Sept-Iles, Canada

- * Mobile and Web applications creation
- * Realtime data visualization
- * Osisoft PI version migration
- * Touch screen interface (using Adobe Flex) that interacts with SAP ERP deployed in the factory

Developer | KDE part of Google Summer of code

Summer 2009 | Remote

- * Extract code from KDE and Kopete to create reusable widgets in C++

Education

BA. Software engineering | École de Technologie Supérieure

2013 | Montreal, Canada

Technical College (DEC) - Computer Technology | Cégep de Sept-Îles

2009 | Sept-Îles, Canada

Projects

Software lead | Club Chinook ETS

Jan. 2011 - Aug. 2013 | Québec, Canada

- * Embedded system programming
- * Circuit design
- * Wire communication protocol design over CANBus

Hacking Health Montreal

Jan 2013 | Montreal, Canada

- * UI & backend to an already existing data source to help prioritise samples treatment in hospitals

Interests

[Kitesurf/snowkite, ski, yoga, UX&Design, software engineering, architecture, programming languages, distributed systems, open source]

Profil

[vision, communication, leadership, autonomous, self critic, creative, sociable, motivated, polyvalent]

[Go, ruby, java, javascript, react, C, C++, SQL, kubernetes, redis, CouchDB, Redshift, Adobe [Ps, Ai], NoSQL, Cisco IOS, BDD, TDD, vim, Mathematica, Docker, and much much more]

References available upon request