

Andréas Kaytar-LeFrançois

Junior Software Developer in Operations

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</> Technical Skills

Project Architecture: TDD, JIRA, UML, requirements elicitation and analysis
Deployments: Subversion, Node.js, Gulp.js, github, **git** .
Web: Apache, LAMP, Github Pages, Jekyll, JavaScript ES6+, CSS 📄, HTML 📄
Backends: PostgreSQL, SQLite, NoSQL, Skuid, Salesforce CRM, Dynamics 365 CRM
Documentation: Java/JSdocs, mkdown, Google/MS Office suites, MikTex, MediaWiki/Confluence
Virtualization: VMWare Workstation, VirtualBox, FreeNAS Jails, Red Hat Virtualization
Other Skills: Product architecture and prototypes. Project design and implementation, strong presentation skills. Can-do attitude. Good interaction with the client

📁 Workplace Experience

Programmer casual at **Canada Border Services Agency, Ottawa.** (March 2020 - July 2020)

- Gain in-depth knowledge on TypeScript and Angular javascript frameworks, as well as MS Dynamics applications to rewrite old dev guides with senior staff input to help future developers
- Interview staff to write comprehensive environment set-up guide for staff and clients, published to team wiki
- Develop C# unit tests in fake-xrm context for 'Mid-tier' interface-layer to Dynamics 365 CRM backend
- Communicate with bilingual team members in weekly meetings to track progress and learn critical team functioning

Environment: Agile, Dynamics 365 CRM, Windows 10, Confluence wiki, Visual Studio 2017 C#, JavaScript

"Unique & Old Electronics Repair", my self-sustaining hobby with happy clients. (winter 2017 - summer 2019)

- Discuss and plan jobs with potential clients (researching, User stories, project management)
- Specify, source and order replacement parts to perform repairs and restorations (reverse-engineering, soldering)
- Deliver solutions & quality installations (testing, analytical skills, client validation)

Teaching Assistant at the **University of Ottawa** (August - December 2018)

for SEG3501 - **INGÉNIERIE DES EXIGENCES** a 3rd year course

- Present and moderate UML tutorials, listening for student participation and evaluating performance
- Communicate to large student groups effectively by written reports, emails, oral discourse in both languages
- Compromise with other TAs on scoring decisions and work together to resolve marking discrepancies

Operations & Web Developer for **mBlazonry Inc, Ottawa.** (July 2016 - August 2017)

- Maintain critical business plugins and provide support for demanding clients by creating bug reports, [video demos](#), Github markdown documentation and remote support, solving critical issues in emergency situations
- Architect and deploy a headless [component streaming build](#) for custom **Skuid** "components" that developers can use to immediately see if their code works, with useful feedback error emails when things go wrong. (Javascript, jQuery, CSS, Gulp.js, Node.js, Force.com Dev. API)
- Participate in client meetings and stakeholder interviews gathering, sorting requirements and writing user stories
- Write a Systems Life Cycle Methodology systems document for environment testing, code change rules and deployment guidelines.

Environment: remotie, Node, skuid, web, Chrome Canary, Sublime Text

Junior UX & Web Developer for **mBlazonry Inc, Ottawa.** (December 2015 - June 2016)

- Design and visualisation of objects as schema relations with trigger actions ([Salesforce](#))
- Reverse-engineer "skuid" components by de-minification and intuition to document interfacing API
- Actively work with clients to diagnose issues and provide support in the form of [instructional videos](#) demonstrating new features (Chrome DevTools, CSS, skuid, documentation, presentation)

Environment: Salesforce, Google Docs, skuid, web, Chrome, Sublime Text

Software Developer intern at **Communications Security Establishment Canada, Ottawa.** (May - August 2013)

- Code desktop application user interface in C# using VisualStudio. In-depth use and interfacing with Windows 7 environment.
- Improve java Android app data storage SQLite backend using adb on AndroidStudio.
- Design and execute functional test cases, review defects and report issues in JIRA bug tracker
- Write a risk analysis report evaluating an organizational SVN to Git code repository transition, with live demo

Environment: Agile, Windows, Visual Studio, Android Studio, RedHat Virtualization.

📁 Projects

Deploy **domain, homepage & blog** klef.ca on open-source static-site software (2012 - spring 2017 - now)

- Configured static site framework, and deployed to Github Pages. Includes automated site re-builds when I update something for simple publishing (Web Publishing, git hooks, automated build)
- Submitted code to [Cayman-blog theme](#) on github to make it better

Environment: Github, Ruby, Liquid, Jekyll, Cloudflare

Build and configure **my mkIII HomeLab Server**, an enterprise-grade DIY server running FreeNAS (2012 - now)

- Learning to use link failover, FreeBSD jails with MiniDLNA, FAMP and remote management with IPMI
- Deploy redundant ZFS storage array as backup server (CIFS shares, SAMBA, RAID-Z2)
- Maintain CRON jobs for home automation (bash scripting)

Film, edit and produce an [instructional repair video](#) helping many people fix their doodads.

[Participant](#) in open-source Friday!

👤 Professional Experience

Honours project titled "[Modelling.js: migrating from eclipse to the web!](#)" (December 2017 - June 2018)

Having as supervisor [Daniel Amyot](#) (requirements engineering prof.)

- ◊ Evaluate alternatives to succeed legacy jUCMNav with scalable modern web-based object-oriented modelling software, resulting in an official document of recommendation. (Excel, prototyping, evaluation, demo)

Volunteer 300+ hours as Executive for the [CSSA-AÉI](#), also at the **University of Ottawa.** (fall 2013 - winter 2017)

For the Computer Science Student Association - l'Association des Étudiants en Informatique

- ◊ Assisted dozens of meetings as executive to vote on and discuss student policy and experience (politics)
- ◊ Collaborate with staff and faculty to organize and participate in multiple monthly association and faculty events (leadership)

Contributor to various open-source projects ([Github](#), [skuid forums](#), [Thingiverse](#)) with more on the way.

Participant of conferences such as: BSDcan, CUSEC, DrupalCamp. (Yearly)

🎓 Education

B.Sc honours Specialization in Computer Science obtained from the University of Ottawa (June 2019)

Native spoken/written French & English, also some knowledge of Spanish, German, Japanese and Romanian

🎮 Hobbies & Interests

- ◊ Skilled with Solidworks CAD for mechanical design and 3D-printing. I love my makerspace
- ◊ Player of competitive league dodgeball ([Dodgeball Ottawa](#)), uOttawa Ultimate Frisbee GeeGee alumni
- ◊ Unconventional artist, hobby chef and wood worker. Lover of records, teas and tofu