

Alexandre Arpin

Software Developer

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education

2011-2016 **B.Eng** Software Engineering

École de technologie supérieure

2008-2011 **DCS**. Computer Science Technology

Collège Ahuntsic

experience

2016 **GSOFT, Montreal** C#, WPF, ASP.NET MVC, html5, sass, gulp
Design, development and maintenance of Sharegate, a governance and migration tool for SharePoint environnements.

- Delivered quality features spanning the full development stack
- Maintained high quality standards through unit tests and documentation
- Developed and deployed high scalability applications using Microsoft Azure Services

2015 **Resulto, Montreal** python, django, django-rest-framework, html5, sass, gulp
Design, development and maintenance of LoyalAction, a solution for customer loyalty.

- Delivered quality features spanning the full development stack
- Integrated third-party applications and services seamlessly
- Maintained high quality standards through unit tests and documentation
- Researched and implemented a unique non-sequential number generation algorithm
- Published useful tools as PyPi packages for the open-source community

2013-2014 **Beehiv Technologies, Repentigny** C#, ASP.NET MVC, WebApi, html5, css3, Android, Obj-C, JavaFX
Design, development and maintenance of Beehiv, a point of engagement platform for iOS and Android.

- Delivered a fully featured administration dashboard to manage hundreds of iOS devices
- Developed a RESTful Web Api for the Beehiv applications and providers
- Collaborated on the design and code reviews of the Beehiv iOS application
- Ported and adapted the Beehiv iOS application to Android
- Developed a standalone JavaFX application to manage event guest lists

projects

2016 **Root** root.plants.ninja slack, python, django
A Slack integration to improve your workplace by integrating plants into it. Root will help you choose plants that best fit your needs and notify you when they need to be taken care of.

2015 **Magic the Gathering Card Identifier** alexandrearpin.com/mtg-card-identifier python, django
A library and web application that identify Magic: the Gathering cards in pictures through image recognition (OpenCV and Tesseract).

2015 **Magic the Gathering Font** alexandrearpin.com/mtg-font html5, css3
An easy to use web font inspired by FontAwesome for all of the Magic: the Gathering symbols.

2014 **Unfinished Asteroids libGDX** alexandrearpin.com/unfinished-asteroids-libgdx Android
For learning purposes, you are asked to act as new developer joining an unfinished Asteroid game project. A storyline then guides you through fixing known bugs and implementing new features in this classic arcade game.