



**Newsletter no. 333, April 13th, 2017**

Dawson.IT.E. (Dawson IT in Education) is a weekly newsletter compiled by Rafael Scapin with the latest news in IT and Education. Please send your comments and suggestions to [rscapin@dawsoncollege.qc.ca](mailto:rscapin@dawsoncollege.qc.ca)

DawsonITE Website: <http://dawsonite.dawsoncollege.qc.ca>

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**Want true privacy? You need to check out this browser**

Brave, a new web browser challenging bigger rivals like Google Chrome and Mozilla Firefox, wants to take privacy on the internet to the next level.

<https://www.cnet.com/news/privacy-browser-brave-tor-trump/>

**“Unpaywall” Is New Tool For Accessing Research Papers For Free**

There is a new tool to help people read research literature, instead of getting stuck behind paywalls. It’s an extension for Chrome and Firefox that links you to free full-text as you browse research articles. Hit a paywall? No problem: click the green tab and read it free!

<http://larryferlazzo.edublogs.org/2017/04/05/unpaywall-is-new-tool-for-accessing-research-papers-for-free/>

**How I made my own VPN server in 15 minutes**

While it’s important to protect your privacy, it doesn’t mean that you should sign up to a VPN service and tunnel all your internet traffic through VPN servers. Learn how to create your own VPN server in 15 minutes.

<https://techcrunch.com/2017/04/09/how-i-made-my-own-vpn-server-in-15-minutes/>

### **Class Notebook: Office 365's Course Organization Application**

As more CEGEPs in our network are using Office 365, we are starting to hear about the applications that are available for educational use that come with this tool. Comparable often to the Google group of applications, Office 365 has been increasing the number and variety of online tools, making it an interesting option for teachers.

<http://www.profweb.ca/en/publications/articles/class-notebook-office-365-s-course-organization-application>

### **Machine Learning: The “Next Big Thing” in Education**

Will teachers be replaced by robots? Not likely, but there will be areas where the machine learning boom will positively impact education. Better yet, machine learning will free teachers up to do better what they do best – that is, to actually teach and mentor, rather than do the seemingly unending grading and lesson planning they spend so much time on today.

<http://www.gettingsmart.com/2017/04/next-big-thing-education/>

### **6 ways Google Hangouts can make any teacher's life better**

Google Hangouts are easy to use and help people and classrooms get connected easily. Some of its features can be game-changing!

<http://ditchthattextbook.com/2015/01/05/6-ways-google-hangouts-can-make-any-teachers-life-better/>

### **Scientists Have Created an Artificial Synapse That Can Learn Autonomously**

Researchers from the National Centre for Scientific Research (CNRS) in Thales, the University of Bordeaux in Paris-Sud, and Evry have developed an artificial synapse called a memristor directly on a chip. It paves the way for intelligent systems that required less time and energy to learn, and it can learn autonomously.

<http://www.sciencealert.com/scientists-just-created-an-artificial-synapse-that-can-learn-autonomously>

### **What Would Happen If Learning in School Became More Like Working at a Startup?**

Ultimately, we want to prepare young people to change the world—when they are equipped and ready to do just that.

<https://www.edsurge.com/news/2017-04-09-what-would-happen-if-learning-in-school-became-more-like-working-at-a-startup>

### **Microsoft finally reveals what data Windows 10 collects from your PC**

The Windows 10 Creators Update is making it easier to understand what information the operating system wants.

<http://www.pcworld.com/article/3187599/windows/microsoft-finally-reveals-what-data-windows-10-collects-from-your-pc.html>

### **The university of the future: Why universities should embrace learning analytics**

Andy Alferovs, managing director of Kortext, the UK's leading digital textbook solutions provider, discusses how innovations in EdTech and analytics are leading to a step-change in higher education which could lead to a more flexible, personalised teaching and learning environment.

<http://www.itproportal.com/features/the-university-of-the-future-why-universities-should-embrace-learning-analytics/>

### **Creative Commons Search**

Search through multiple sources, such as Google, Flickr, and SoundCloud, to find content with the Creative Commons license.

<https://search.creativecommons.org/>

## **IT and Education in Québec**

If you want to be up-to-date with what's happening in IT and Education in Québec, please visit these two websites:

**ProfWeb:** <http://www.profweb.ca/en>

**La Vitrine Technologie-Éducation:** <http://vteducation.org/>

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