

Jonathan Guillotte-Blouin

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Profile

I am an undergraduate student in my first year of Software Engineering at the University of Ottawa. I am enthusiastic about technology and programming, mostly in the field of web development, and a self-learner who thrives on challenges.

Programming & Web Development Skills

HTML5 | CSS3 | JavaScript (jQuery) | PHP | Java | C | Ruby and Rails framework in learning | Arduino

- Deployment on Heroku, Amazon S3 and Amazon EC2
- Version and transfer files with Git and Filezilla
- Access remote servers using PuTTY (on Windows)

Work Experience

- **VIA rail Canada / Developer – Train Status Information (TSI)** – October 2014 to November 2014
 - Developed a mobile web app dynamically displaying information on train status
 - Code on GitHub @ /TSI_Mobile
- **VIA rail Canada / Project Assistant – Train Status Information (TSI)** – June 2011 to June 2013
 - Creation of Geo-location waypoints for GPS database for VIA fleet on Time Performance Management

Other Work Experience

- **Journal Chefs d'entreprises / Affiliated Columnist** – January 2014 to ...
 - Write monthly columns on socio-political subjects, research information and analyze it
- **Moulins LaFayette / Customer Service & Assistant Cook** – May 2012 to December 2013
 - Served customers of the bakery, listened to their needs, developed careful listening skills

Projects

- **Side Project - Vector Calculator** / September 2014 to October 2014
 - Built a web app capable of many vectorial calculations useful for engineering students
 - vectorscalculator.com (code on GitHub @ /VectorCalculator)
- **Side Project - Log reports downloading portal** / August 2014
 - Developed a web portal to dynamically display a list of downloadable log reports using a datepicker
- **Physics Project – Robot Adapted to its Environment** / February 2014 to April 2014
 - Built a robot capable of detecting a target, going to this target and stopping in front of it
 - Received an award of distinction for best science project of the day
 - Presentation & Code on GitHub @ /Arduino/Mobile_Robot
- **Certificate – CS50x by the Harvard Extension School** / March 2014 to August 2014
 - Followed an online university project driven course on programming in C
- **Director of Bilingualism of the Software Engineering Student Association** / September 2014 to ...
 - Translate SESA communications from English to French
- **Learning Ruby On Rails during a tutorial given at the university of Ottawa** / October 2014 to ...
- **Tutoring**
 - October 2011 to May 2012: Assisted young disadvantaged people in their studies and homeworks on a weekly basis
 - January 2014 to May 2014: Helped two cégep students having difficulties in written French