

DARREL-DAY GUERRERO

GitHub: <https://github.com/ddayguerrero>

LinkedIn: <https://ca.linkedin.com/in/ddayguerrero>

SUMMARY OF SKILLS AND QUALIFICATIONS

Programming | .NET (C#, Mono, MVC, ASP.NET, Apps for Windows) • Web (HTML5, CSS3, JavaScript (ES6, Angular, React, frameworks, and libraries)) • Java (JSF, Swing, Maven) • Python (Flask) • Databases (SQL (MySQL, SQLite))

Tools & Applications | Code Editors (emacs, vscode, Sublime Text) • IDE (Visual Studio, Eclipse, MonoDevelop) • Docker • Continuous Integration (Jenkins) • Bash • Code Versioning (Git (Bitbucket, Github), Subversion)

Operating Systems | Linux (Ubuntu and Fedora), Windows (10 and Server 2012)

Other | Agile Development Methodology (Scrum) • Test-Driven Development • Object-Oriented • RESTful Services • Design Patterns • Basic Networking

Languages | English: Spoken & Written • French: Spoken & Written

EDUCATION

Bachelor of Engineering – Software Engineering

2014 - 2018 (Expected)

Concordia University, Montreal, QC

- Member of the Institute for Co-operative Education
- Relevant Courses: Data Structures and Algorithms, Principles of Programming Languages, System Hardware

DEC – Computer Science Technology

2011-2014

Dawson College, Montreal, QC

- Honor Roll Student (2013, 2014)
- Member of the Software Development Club

PROJECTS

WearHacks: VuWall Motion (Internal, Personal)

November 2015

Montreal, QC

- Developed a full arm gesture and motion capturing Myo Armband application for Windows.
- Controls mouse cursor and provides interaction with WPF and supports multiple Myos simultaneously.
- **Technologies Applied:** Myo Armband SDK, C#, Test-Driven Development

TechCrunch: Pager (Personal)

April 2015

Manhattan Center, New York City, NY, USA

- Worked in a team and created a web application that allows users to convert traditional Facebook Pages into complete websites.
- Developed the API integration and back-end data binding for Facebook information.
- **Technologies Applied:** HTML 5, CSS, JavaScript (Angular, Node), Facebook Graph API
- **Winner and Featured Article:** [TechCrunch: Pager turns your Facebook Pages into a fully-fledged website](#)

McHacks: Flickr Town (Personal)

January 2015

McGill University, Montreal, QC

- Collaborated with friends to create a social web application which interacts with Flickr and displays beautiful pictures based on your location.
- Helped implement a feature where user behaviour is recorded in order to be used as statistical or analytical information.

- **Technologies Applied:** HTML 5, CSS, JavaScript (Angular, Node), Flickr API

Bookoo (Academic)

2014

- Worked in a team of 4 to develop a fully-implemented online book store.
- Key Project Features:
 - Purchase and Review Books
 - Manage inventory, users, reviews, advertisements and surveys
 - Query Report for total sales by various criteria
- Implemented the management system for administrators and worked on main front-end aspects.
- Designed a project plan and tracked team workloads as well as our time and progress.
- **Technologies Applied:** Java (TomEE, Maven, Java Server Faces, MySQL), HTML, CSS, JavaScript, Subversion

[MORE PERSONAL PROJECTS ARE AVAILABLE IN MY GITHUB PROFILE](#)

EXPERIENCE

Software Developer (Co-op Intern)

August 2015 – January 2015

VuWall Technology, Pointe-Claire, Quebec

- Collaborate in a Scrum environment and worked towards delivering a new software solution for the audio-visual enterprise.
- Use of APIs for market hardware (source encoders and decoders)
- Analyze, design, develop, test, convey technical communication, write documentation, etc.
- Participate in many facets of the software product: front-end architecture design and implementation, back-end, continuous integration, and deployment.
- **Technologies & Tools:** Test-Driven Development, RESTful web services, ES6 (npm, AngularJS, Angular2, React, BackboneJS), C# (Nancy, nginx), Bash, Docker, Consul, Jenkins

Software Developer (Intern)

February 2014 – September 2014

VuWall Technology, Notre-Dame-de-l'Île-Perrot, Quebec

- Learned the fundamentals of the AV market (e.g. hardware, video walls, etc.)
- Created multiple prototypes of a brand new interactive web client application that enhances interaction between end-users and in-house video wall software.
- Developed and deployed a web-based video wall management application (front and back-end).
- Designed and implemented additional front-end features for VuWall's own Customer Relationship Manager (CRM).
- Learned how to represent the company and to communicate with people outside the organization in order to discuss client requirements.
- **Technologies & Tools:** C# (ASP.NET, MVC), HTML5, Git, JavaScript (Canvas, SVG, AJAX), Networking, Object-Oriented Programming, and Design Patterns
- **Showcase (February 2015):** The developed product has been officially released and integrated in the existing company software. Showcased at Integrated Systems Europe (ISE) 2015: [VuWall2 Version 2.5 at ISE 2015](#)

OTHER

Hackathons & Competitions: McHacks 2016, CUSEC 2016, ConUHacks 2016, WearHacks 2015, AngelHacks 2015, TechCrunch Disrupt Hackathon, McHacks 2015, Microsoft Coding Challenge

Group Memberships: JS-Montreal, TLMUX, DevOps Montreal

Personal Coursework: Udemy, Udacity, egghead.io, (list of completed courses on my LinkedIn)

Interests: Rap & Hip-Hop, Basketball, Gadgets, Video Games, Personal Finance