Philip Dumaresq

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# Skills & Abilities

## Technical skills

* Languages: C#, Java, JavaScript, PHP, Python, SQL, HTML5, CSS3, XML, Bash
* Frameworks: ASP.NET (Web Forms, MVC, Entity Framework), Node.js, JUnit
* Development tools: Eclipse, MS Visual Studio, MS SQL Server, Oracle SQL Developer, JetBrains
* Source control: Team Foundation Server 2013, GitHub
* Black-Box and White-Box testing techniques: TDD, Unit testing, UI testing, system testing, etc.
* Experience carrying the development of a system through the software development life cycle

## Other relevant skills

* Agile development methodologies, Scrum.
* Very technically oriented; learn practical skills very quickly.
* Able to make quick decisions to help resolve immediate problems.
* Demonstrated ability and confidence presenting to clients and users.
* Intrigued by the limits of languages; often more interested in ‘can it be done’ than ‘should it’ .

# Education

## Computer Science | Cégep heritage college | 3 Year Technical DEC

* Honor roll student in fall 2016, winter 2017, and fall 2017 semesters.
* Expected graduation date: May 2018.

## NLS lifeguarding certification | City of ottawa

* July 2015

## PADI open water diving cetification

* January 2016

# Experience

## Software Developer | Cégep Heritage | October 2017 - Current

* Working on creating a new system for the college administration in a team of 6 developers deploy into production.
* The system is being build in ASP.NET in C# using the MVC design pattern and Entity Framework.
* Developing the system using agile methodologies, including daily scrum meetings, sprint planning, client meetings, and sprint retrospective meetings.
* Seeing the project through from conception to deployment, including initial capturing of use cases and diagrams, all the way through development and final testing of the system.

## Teaching Assistant | Cégep Heritage | January 2018 - Current

* Helping students develop their foundations in programming through Java, learning principles of Object-Oriented Programming and design.
* Working 1 on 1 with students in labs, walking them through debugging techniques using industry tools and writing unit tests to improve their code.

## Teaching Assistant | Cégep Heritage | September 2017 – December 2017

* Worked with a class of first year students, teaching the basics of web development in HTML and CSS. Helped them develop skills in different problem-solving techniques.
* Expanded my own skills in web development, learning new HTML and CSS features that didn’t exist when I first learned web design.
* Developed better skills at being able to verbalize concepts that I know and understand, something that can be very difficult when talking to people unfamiliar with the topic.

## Software Developer Co-op Student | TechInsights | May 2017 – August 2017

* Worked largely on developing in-house applications for company employees to use.
* Worked in PHP to manage and facilitate the flow of critical data through important company business flows.
* Had very little supervision in my tasks. My work was often done by being given a brief set of acceptance criteria that the application had to meet and went off to develop it.
* Some of the tools I developed included a web application that would parse through hundreds of JSON files to detect the introduction of new data, PHP scripts that would analyze and organize this data, and a Chrome extension that would extended the functionality of company products to internal users.

## Computer technician | cégep heritage | May 2016 – november 2016

* Started working as a co-op student, but continued part time with them during the school year.
* My main responsibility was to deploy and troubleshoot the school’s migration to a VDI environment. To facilitate this, I used some spare time to learn basic batch scripting to make an automation tool for imaging.
* In other down times, I worked on configuring a lightweight Ubuntu OS to act as a thin client that could replace the current Windows ThinPCs, thus extending the life in some of the school’s much older computers.

# About me

* I often represent the Computer Science department at my college in open houses, showcases, and a variety of events, speaking for the program and expressing my passion for software to get new people interested in this ever-growing field.
* I currently represent the student body within my department, participating in some of the teacher meetings to represent the student’s view. Helping to modify the program to meet changing industry needs and a changing curriculum.
* I played a variety of instruments in a band for 5 years and have a love for music.
* Enjoy puzzles and solving problems in games.
* I love travelling and would like to go all over the world.