

Maxime Plante

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Education

Completing a *Bachelor of Software Engineering* McGill University (Canada) 2015 – 2019

Completed a *Pure and applied sciences DEC* Collège Jean-De-Brébeuf (Canada) 2013 – 2015

Technical Skills

Languages (ILR scale): French (native), English (professional working proficiency), Mandarin (no proficiency)

Programming languages: C# (proficient), OCaml (school project), PHP (past job experiences), Java (school projects), C (school projects)

Experiences

Software Engineering Intern *IPSOL Capital Inc*, Montréal 2017 – 2018

- Introduced the SCRUM methodology inside a development team of 4 people and significantly improved the team's development velocity
- Introduced a code review system and autonomous testing with continuous integration and improved the quality of the product while reducing development time
- Implemented a gateway service as part of a larger microservice architecture
- Designed and implemented a financial calculation service in a microservice architecture
- Designed and implemented data loaders to import financial data from external providers into a standard in-house format

Full Stack Developer and iOS Developer *Vision E-Learning*, Laval 2015 – 2016

- Designed, planned and programmed a network-capable iOS application (Swift)
- Collaborated with fellow programmers working remotely in Ivory Coast and India
- Maintained and improved a 7 years old web platform (HTML, Javascript, PHP, MySQL)

Full Stack Developer *Collège Jean-De-Brébeuf*, Montréal 2014 – 2016

- Designed and implemented a multi-user web platform to create automated homework correction plans in a user-friendly UI (HTML, Javascript, PHP, MySQL)
- Cooperated with consultants to interface PHP with Microsoft Excel on a Windows server
- Implemented a web interface to an existing homework correction system where professors could upload their students' homework to be corrected
- Assembled a set of software requirements based on the client's requests (the college employees)

Projects

- Created a Go (subset) to Javascript compiler in OCaml during my *Compiler Design* class (<https://github.com/matlapo/gocaml.js>) 2018
- Developed an extension to add support of Pastery.net to Visual Studio Code (<https://github.com/maximeplante/vscode-pastery>) 2018
- Created a website to help developers discover new GitHub projects (<https://github.com/maximeplante/randomgit>) 2015
- Contributed to a 6502 CPU emulator written in Java (<https://github.com/sethm/symon/commits?author=maximeplante>) 2013