

Fabian Vergara

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EDUCATION

Concordia University. Montreal, Canada.
Bachelor of Computer Science, **Computer Science.**

Expected Winter 2019
Fall 2015 - Present

Vanier College. Montreal, Canada.
Associate's Degree, **Computer Science.**

2015

SKILLS & INTERESTS

Proficient In:	Java, C#, Swift, Android Development, iOS development, HTML, CSS, SQL.
Familiar With:	C++, PHP, JavaScript, NodeJS, Express, AWS.
Database:	SQL (MySQL, MariaDB, Oracle), NoSQL (Firebase).
Operating System:	Windows, MacOS, Linux.

EXPERIENCE

Rumbo (Startup company - early stages) - Software Developer **04/2015 - 12/2015**

- Founded tech stack of a mobile app while served as full stack developer.
 - Designed, developed and tested features from scratch.
- Worked with **C# (Unity, MS Visual Studio), Python, PHP & MySQL.** Montreal, QC.

Beam Me Up Games - Software (Game) Developer Intern **01/2015 - 05/2015**

- Served as a full stack developer intern for a mobile game (iOS and android).
- Designed and implemented new reward system, real time description of game items, implemented in-game store.
- Improved execution time by 20% at the end of each match by implementing the new reward system.
- Optimized space complexity by re-implementing features, refactoring and cleaning code.

Worked with **C# (Unity, MS Visual Studio), BrainCloud (BaaS).** Montreal, QC.

PROJECTS

Studio - Founder, Startup project. Web and mobile app. [Swift, Javascript, Firebase, PostgreSQL]

- Project in partnership with a colleague. It serves students by offering them tutoring services.

Deep Sense @ HackHarvard (Harvard University) - Featured by Microsoft. **Fall 2016**

- Mobile app that used Machine and Deep Learning to create music and poems in real time. Used Microsoft Cognitive Services (computer vision and sentiment analysis). Used Swift and Python.

PokeCompanion: iOS application [Swift, Python, Firebase] **Summer 2016**

- Location-based companion app. Featured chat and map services using Google Maps API.

SMSMe @ McHacks (McGill University) - TOP 10 APP - Finalist. [JavaScript]. **Winter 2016**

- SMS-based multiplatform app developed in Node JS and Express. Used Twilio API, AWS.

Snaphunt: Android app @ ConUHacks (Concordia University). [Java, PHP, MySQL] **Winter 2016**

- Location-based mobile app developed in Java for android devices. Used image recognition (Clarifai API) and Google Maps API.

Touber: Web application @ HackHarvard. [PHP, MySQL, HTML, CSS, JS]. **Fall 2015**

- Location-based web app using bootstrap. Uber for tour-guides, targeting students and tourists.

Online store: ecommerce website - [PHP/ASP/JSP, HTML, CSS, SQL/ACCESS, JavaScript] **Fall 2014**

- Online bookstore developed in several languages for school. Anonymous cart implemented (cookies & sessions), also featuring users, private messaging, profiles and administration.