

John A. McMenemy

Hi, I'm John. A trilingual, lifelong learner who loves technology, science, psychology, philosophy, exercise and nutrition. I feel at my best when I'm doing something that I know is helping people with their lives.

EXPERIENCE

Pole To Win UK, Glasgow— *Localisation Tester*

JUN 2018 - SEP 2018

During the summer of 2018 I worked full time at Pole To Win, doing video-game testing on French & Spanish translations. In performing this job I experienced work within a corporate environment. The skills I developed the most were **teamwork**, **communication** and being **organised**.

- I developed **teamwork** skills working within a team of people from many cultures. Flexibility was also required as the people on the team could frequently change.
- As the people that formed the team came from many different cultural and international backgrounds I learned how to develop proper **communication**.
- I developed my **organisational** skills as the job required building reports (for bugs found within the game) following appropriate guidelines that were then sent to the client (the game studios). Lastly, a lot of the work was managed through Excel spreadsheets that I had to understand to properly do my job.

EDUCATION

University Of Strathclyde, Glasgow, Scotland— *Bsc (Hons) Computer Science*

SEP 2017 - JUNE 2020 (Expected)

My most notable achievement was to create a database from scratch with Rust as my final year project.

Some modules taken during university:

- **Project Management** class from the Business department of the university.
- **Computer Security** (Steganography, Encryption, Network Security).
- Studying Waterfall and **Agile Application Development** (DevOps, CI/CD, TDD etc.) in a class given by J.P. Morgan.
- Taking an introductory course to object Design thinking where I did storyboards and did think-alouds.

TECHNICAL SKILLS

In order of time invested:

Java

Rust

Javascript, HTML, CSS

Python

C

Haskell

C++

PHP

Scheme

AWARDS

I passed the second year and third year at Strathclyde with **Distinction** (80% or higher average).

LANGUAGES

English: Native Proficiency

Spanish: Native Proficiency

French: Professional Working Proficiency

Japanese: Elementary Proficiency

On my own I have done some web programming with **Node.js** & the **Express** framework applying **RESTful API** principles. I have also participated in Kaggle machine learning competitions using **Keras**.

At Strathclyde, I volunteered and was selected to represent the third year student body in the Computer & Information Sciences committee where I chaired meetings and took the minutes working with the academic staff to improve the department and its relationship to the students.

University Claude Bernard Lyon 1, Lyon, France— *Licence Math-Informatique (Bsc Computer Science equivalent)*

SEP 2016 - MAY 2017

I did my first Computer Science year at this French university. During which I coded a Snake clone with some personal additions.

The game was made in C++ which is the language I got taught the most there as well as **Scheme**.

C++ was used to teach imperative programming and Scheme to teach recursive programming.

I took lessons on Unix's command line (mainly on Ubuntu), and got an introductory course to HTML, CSS, PHP, web protocols, routers (routing tables, NAT etc.), switches and hubs.

Lycée Français Louis Pasteur, Bogota, Colombia— *General Baccalaureate (Scientific)*

SEP 2003 - JUN 2016

Here I sat the French General Brevet (when I was 14) and the Scientific General Baccalaureate (when I was 18). Subjects included in the latter were Biology & Earth Sciences, Physics & Chemistry, Math, Spanish, English, History & Geography and an introductory course to computing and Python programming.

Lastly, I also obtained the Colombian ICFES which is the Colombian national exam which covers Math, Reading Comprehension (in Spanish), Science, English and History. I was in the top 4% in the country's ranking.

SOCIAL & CULTURAL EXPERIENCE

When I was 15 I spent a week in HP (Hewlett-Packard) in Colombia where I learned about sales and HR.

I have worked as a volunteer, in Colombia, with the organisation "TECHO", which involved going to underdeveloped neighbourhoods and inquiring of families to see what they needed the most in housing. Towards the end of my work there I helped to build a small house for a family.

In the UK I volunteered for Marie Curie in a charity shop where I cleaned and organised the shop as well as sorting through donations and helping the store's customers.