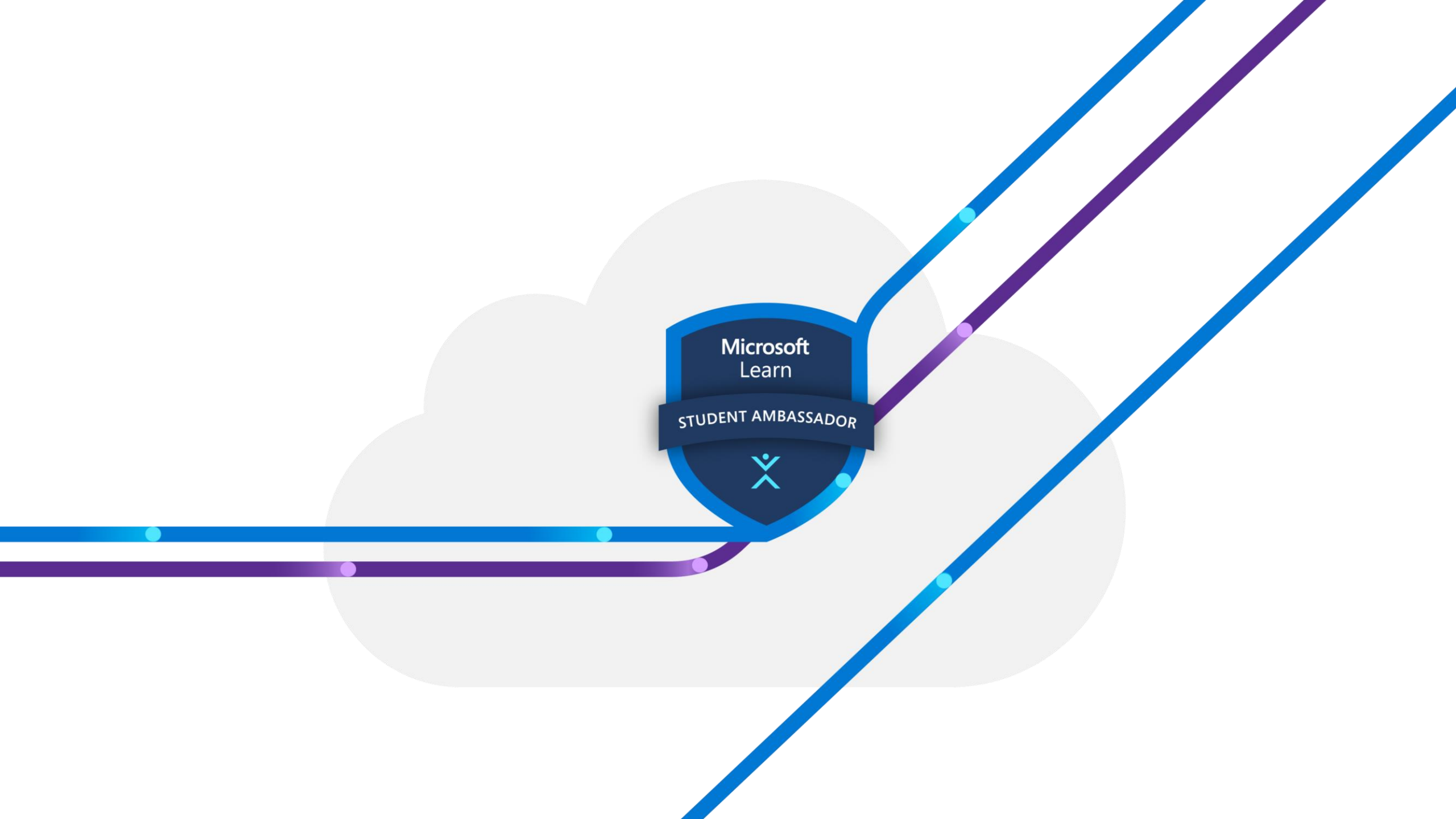

Microsoft
Learn
STUDENT AMBASSADOR

Microsoft Learn
Student Ambassadors

MSLearn Ambassador Program
Intro to MS Dev Tools

By

- Alphonse Brandon
- Elroy Kanye

About the Speakers

Alphonse Brandon

He is a Data Scientist, spending his day building intelligent systems that unlock value from data.

Alphonse is a third year student of Electrical, Electronics and Telecommunications Engineering in the University of Buea. He is a Microsoft Learn Student Ambassador, Explore ML Facilitator at Google Crowdsource, Program Coordinator at Nervtek and has served as a Lead for the Google Developer Student Club Chapter in Buea.

He is passionate about his work and dedicates to it.

Connect with Alphonse on LinkedIn at:

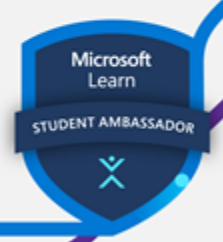
Elroy Kanye

He is a Systems Developer, working a way out to bring out the best flow in management and operating systems.

Elroy is a third year student of Computer Engineering in the University of Bamenda. He is a Microsoft Learn Student Ambassador, Project Coordinator for the GDSC Chapter in Bambili, and has served as a Tech Mentor for students at his local community.

He is target-oriented and efficient.

As Student Ambassadors representing Microsoft in our community, we are pleased to present this to you.



The MLSA Program

About the program

- The Microsoft Learn Student Ambassadors is a program to sponsor students majoring in disciplines related to technology. It enhances students' employability by offering training in skills not usually taught in academia, including knowledge of Microsoft Technologies.

- Microsoft Learn Student Ambassadors are a global group of campus leaders who are eager to help fellow students, create robust tech communities and develop technical and career skills for the future.

Requirements

- Be at least 16 years old.
- Must be actively enrolled in an accredited higher education academic institution.
- Microsoft supports students from all academic backgrounds and ages who are willing to help others grow and learn.

Benefits of the program

- Access to a global network of student ambassadors.
- Event Support.
- Visual Studio Enterprise Subscription and $150 monthly Azure credit.
- A Name.com voucher for your personal domain.
- MTC Certification Exam Voucher.
- Shwags and Mentorship benefits.
- Possibility of becoming a Microsoft MVP.
- Access to Office 365, Techsmit Snagit and Camtasia Screen Capture.

Milestones of the program

There are milestones with each having its own rewards. Fulfil the requirements for each milestone and advance to the next.

- Alpha

Get to stage by completing a learning on Microsoft Lean platform.

- Beta

Get to stage by launching a high impact activity in your community.

- Gold

Do even more for your community perform extraordinarily to get to this stage

How to join

- To become an ambassador, visit the official site here.
- The program is an open one so you can apply at any time of the year.
- New students are accepted into the program quarterly basis.

Intro to Microsoft Developer Tools

Cloud – Microsoft Azure

- What is it about?

  Microsoft Azure is a cloud computing service operated by Microsoft for application management via Microsoft managed data centres. Azure is commonly used as a platform for hosting databases in the cloud. Microsoft offers serverless relational databases such as Azure SQL and non-relationnal databases such as NoSQL. In addition, the platform is frequently used for backup and disaster recovery.

- Uses
  - Enhance and Implement Backup and Disaster Recovery
  - Host and Develop Web and Mobile Apps
  - Distribute and Supplement Active Directory
  - Innovate with IoT Industry Solutions

Power Platform

- What is it about?

  Microsoft Power Platform is a line of business intelligence , app development and app connectivity software applications. Microsoft developed the Power Fx low-code programming language for expressing logic across the Power Platform. It also provides integrations with Github and Microsoft Teams.

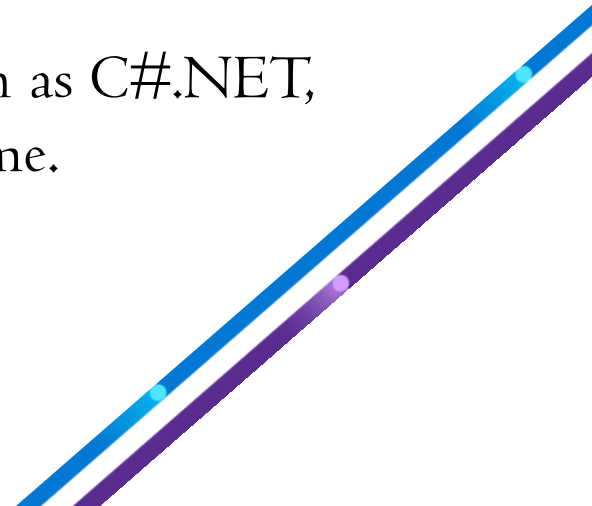
- Products of Power Platform
  - Power BI – Used to analyse data from different data sources.
  - Power Apps – Used to build powerful mobile apps for internal use by the organisation.
  - Power Automate – Used to design automated workflows to reduce manual tasks.
  - Power Virtual Agents – Used to develop flexible chatbots that can communicate with external customers

Microsoft .NET

The .NET Framework is an infrastructure that enables building, deploying, and running different types of applications and services. Using this framework, you can develop different types of applications such as:

- Windows Based (WPF, Mono)
- Web Based (Blazor)
- Web Services (ASP .NET)
- Mobile (Xamarin, MAUI .NET)
- Machine Learning (ML .NET)

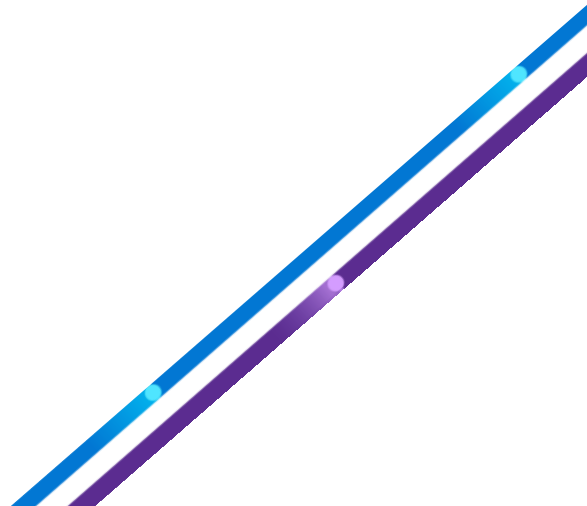
At the top of the .NET Framework architecture stack is a set of languages such as C#.NET, VB.NET, J#.NET, F#.NET that execute under the Common Language Runtime.



TypeScript

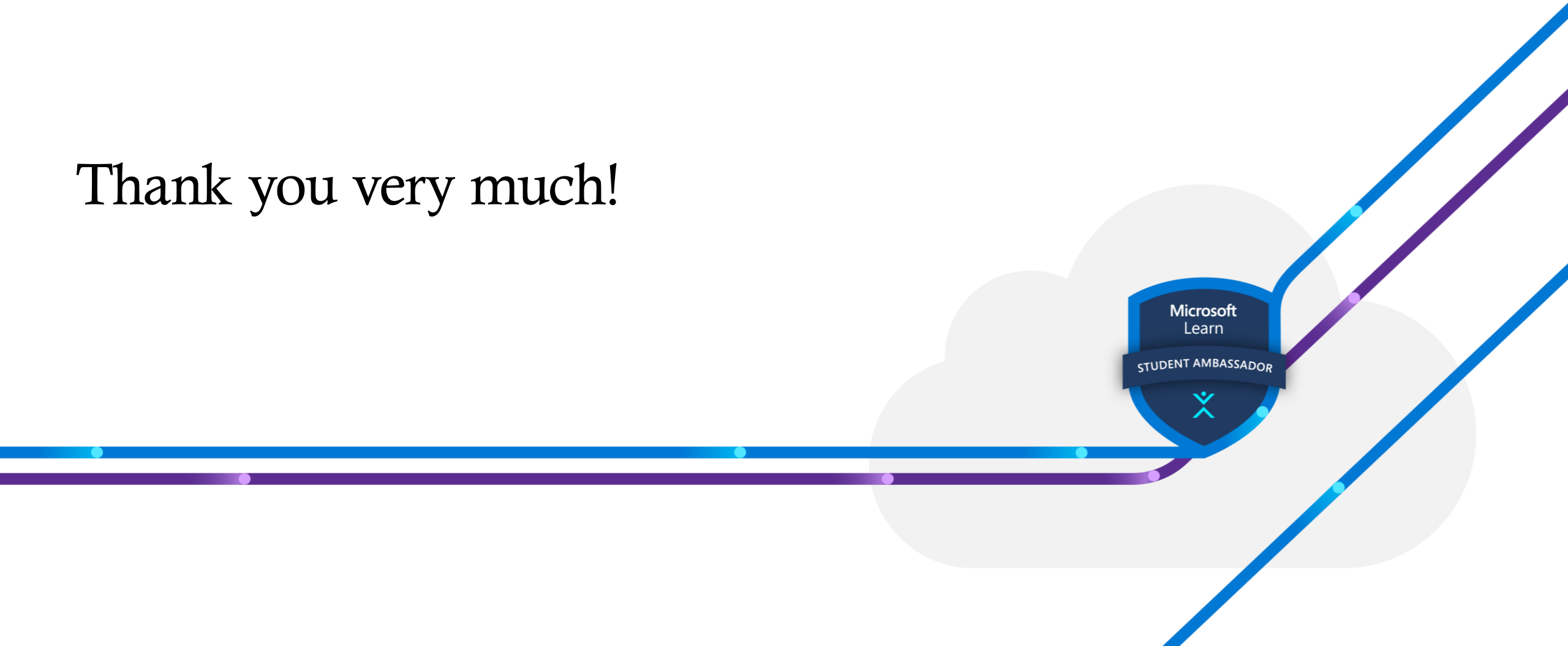
TypeScript is a multi-paradigm programming language developed and maintained by Microsoft. It is a strict syntactical superset of JavaScript and adds optional static typing to the language. TypeScript is designed for the development of large applications and transcompiles to JavaScript.

The joy in using TypeScript is that it is not extinguisher for JavaScript and can be used interchangeably with JS. To support large projects with a lot of dependencies, code and logic, TypeScript comes with just what is needed for whatever framework or library support by JavaScript.



Extras

- GitHub
- Office 365
- Microsoft SQL Server
- Visual C++
- Visual Studio / VSCode
- XML NotePad
- And many more open source tools developed/maintained by Microsoft and shown here.

What are you waiting for? Join the MLSA right now!

Thank you very much!