**MTA** Microsoft Technology Associate certifications address a wide spectrum of fundamental technical concepts, assess and validate core technical knowledge, and enhance technical credibility.

**MCT** Microsoft Certified Trainers are the premier technical and instructional experts in Microsoft technologies.

**Visual Studio** An integrated development environment from Microsoft used to develop computer programs as well as websites, web apps, web services and mobile apps.

**Python** An interpreted, object-oriented, high-level programming language with dynamic symantics.

**Programming** The process of developing and implementing various sets of instructions to enable a computer to do a certain task.

**Coder** A person who designs, writes and tests computer programs.

**JavaScript** An object-oriented computer programming language commonly used to create interactive effects within web browsers.

**C++** A general-purpose, object-oriented programming language.

**Raspberry Pi** A low-cost, credit card-sized computer that plugs into a computer monitor or TV, and used a standard keyboard and mouse. It enables people to explore computing and learn how to program in languages like Python.

**Compiled** Don’t have to install any other software to make it to work. Creates an executable file. Example: app on your phone. Has been exported from your IDE in a way that it can be run on any other computer or device.

**Interpreted** Have to have an interpreter installed. Interpreters are handled by your web browser most of the time. Example: When a device notifies you to download the latest version of java. It’s platform independent.

**CPython** The default and most widely-used implementation of the language.

**Hello World!** Usually a program made by programmers that are new to a programming language or used to test if the code for this language is working correctly.

**Variable** A value that can change depending on conditions or on information passed to the program.

**Value** The content of a field or variable. Can be alphabetic or numeric data**.**

**I.D.E.** Integrated development environment from Microsoft. Example: Visual Studio.

**M.S.D.N.** MicroSoft Developer Network – a subscription service for software developers. Manages the firm’s relationship with developers and testers.

**.sln** The file extension for projects created in Visual Studio.

**.py** The file extension for a program file or script written in Python.

**Web server** Computer that stores process and delivers web pages to users.

**Snipping Tool** A screen-shot utility tool that takes screen shots of rectangular areas.

**Comment**  A text note added to programming code to provide explanatory information, usually about the function of the code.

**Logic** An aspect of computer design concerning the fundamental operations and structures upon which all computer systems are built.

**Debug** The routine process of locating and removing computer program bugs, errors or abnormalities.