**Prerequisites:**

For general installation of Emgu CV to use OpenCV with Visual Basic or C#, see this video and GitHub page:

YouTube video:

[OpenCV 2.4.11 Windows 7 Installation Guide - Part 3 - Visual Basic.NET and C# with Emgu CV](https://www.youtube.com/watch?v=AuCwsHt5a-I)

GitHub page:

[OpenCV\_2.4.11\_Windows\_Installation\_Guide](https://github.com/MicrocontrollersAndMore/OpenCV_2.4.11_Windows_Installation_Guide)

If you are not familiar with KNN / Machine Learning or Character Recognition, it would be recommended to view the C++ version of this tutorial first:

YouTube video:

[OpenCV Intro to Character Recognition and Machine Learning with KNN](https://www.youtube.com/watch?v=6FzlF9qf960)

GitHub page:

[OpenCV\_KNN\_Character\_Recognition\_Machine\_Learning](https://github.com/MicrocontrollersAndMore/OpenCV_KNN_Character_Recognition_Machine_Learning)

**Current Project:**

It would be recommended to view the YouTube video for this project, everything is demonstrated:

[OpenCV Intro to Character Recognition and Machine Learning with KNN in Visual Basic and C#](http://youtu.be/3dpEjfT6Eu8)