



Artificial Intelligence With MIT App Inventor Syllabus
ICN Summer School, 2020 (June 15th – June 19th)

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Day	Time	Project Activity	Description
Monday June 15 th	9.00 am – 11.00 am	Introduction	<ul style="list-style-type: none">• Introduction to Machine Learning & AI• Learn about Personal Image Classifier
Tuesday June 16 th	9.00 am – 11.00 am	Run and Test PIC app Coding Expression match app	<ul style="list-style-type: none">• students test the app and their model using the PIC app.• Students test the app to assess how well the model works as a game
	11.00 am – 3.00 pm	Team Activity	<ul style="list-style-type: none">• Students will create a model of different facial expressions. Students follow PIC student Guide lesson 1

<p>Wednesday June 17th</p>	<p>9.00 am – 3 pm</p>	<p>Team Activity</p>	<ul style="list-style-type: none"> • Students will download and import the PIC template aia in App Inventor. • Upload their model and test it
<p>Thursday June 18th</p>	<p>9.00 am – 3 pm</p>	<p>Team Activity</p>	<ul style="list-style-type: none"> • Students will create a game app that uses their trained model to assess users ability to match a given expression. • Teams Works on 8 – 10 min Presentation for Judging Day
<p>Friday June 19th</p>	<p>10.00 am – 11 am</p>	<p>Judging</p>	<ul style="list-style-type: none"> • App Presentation to the Judge