



**ALPHA  
JUNIOR**

## **Alpha Advanced : App and Game Design**

**Parametrized functions, Game & App character designing, Randomization**

**Abstraction, Character interaction, Multi frame animation , Design mode and thinking**

**Creating animations, Frames, Properties, expressions  
Counter patterns, design movement**

**Strings, Local variables, global variables, Logical operators , Iterators**

**Booleans, Debugging Logging, UI input, keypress, Designing character features for games,**

**Lists and Lists operations, String & indexes, UI/UX elements, App integration with Database**

**Achievements**