

Educational Program “How to Create One’s Own ChatBot”

Module Name	Module Description	Training Course Duration
Introduction to ChatBots	What is a ChatBot? Technologies. Fields of application and perspectives. Personal robotic assistants.	2
Basic Principles of Languages	Basic principles of the Self, AIML. Markup languages, work with chat logs.	2
ChatBot Creation	Creation of a simple ChatBot on the Botlibre platform.	2
ChatBot Settings	Settings and study of the neuronet, parameters of the heuristic search and semantics.	2
Testing of the First Bot	Deploy. Testing. Debugging.	2
Programming	Creation of the first scrip. Programming and functional check of the first script.	2
NLP Technologies	Work with intentions. Determination of the interlocutor’s intentions. Setting the right reaction. Functioning of the Paraphraser / WIT / Luis/ Watson / API.ai service	8
Advanced Programming	Introduction to the object-oriented core of the Self language.	4
Dialogues and Meaning Retention	Dialogues and meaning retentions. Combination of programming, NLP technologies and neuronets.	4
Creation of Complicated Scripts, Dialogues and an Advanced ChatBot	Creation of a complicated ChatBot using various technologies and methods.	8