

rgarcia89 (/rgarcia89/) / A Systematic Literature Mapping of Chatbot-Assisted Programming Education (/rgarcia89/chatbot-in-support-of-programming-learning-a-systematic-literature-review/)

Review (/rgarcia89/chatbot-in-support-of-programming-learning-a-systematic-literature-review/)

Planning (/rgarcia89/chatbot-in-support-of-programming-learning-a-systematic-literature-review/planning/)

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1. Search (/rgarcia89/chatbot-in-support-of-programming-learning-a-systematic-literature-review/conducting/search/)

2. Import Studies (/rgarcia89/chatbot-in-support-of-programming-learning-a-systematic-literature-review/conducting/import/)

3. Study Selection (/rgarcia89/chatbot-in-support-of-programming-learning-a-systematic-literature-review/conducting/studies/)

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5. Data Extraction (/rgarcia89/chatbot-in-support-of-programming-learning-a-systematic-literature-review/conducting/extraction/)

6. Data Analysis (/rgarcia89/chatbot-in-support-of-programming-learning-a-systematic-literature-review/conducting/analysis/)

Quality Assessment

Detailed (/reviews/conducting/quality_assessment_detailed/)

Summary (/reviews/conducting/quality_assessment_summary/)

Title	Quality Score
Imikode: A VR Game to Introduce OOP Concepts	0.0
Integrating A Dialogue Tree Based Turkish Chatbot into an Open Source Python Coding Editor	2.0
Lecturer's Apprentice: A Chatbot for Assisting Novice Programmers	4.0
A Tool for Introducing Computer Science with Automatic Formative Assessment	4.0
Chatbot Script Design for Programming Language Learning	0.0
NLP-based personal learning assistant for school education	0.0
When to intervene: Toward a Markov Decision Process dialogue policy for computer science tutoring	2.0
Using Chatbots to Teach Socially Intelligent Computing Principles in Introductory Computer Science Courses	0.0

Title	Quality Score
Fostering the Learning Process in a Programming Course With a Chatbot	0.0
FritzBot: A Data-Driven Conversational Agent for Physical-Computing System Design	3.0
Design of a Conversational Agent as an Educational Tool	0.0
Self-Programming Networks: Architecture and Algorithms	0.0
A proposal to integrate conversational interfaces in mobile learning applications	0.0
PRACTICE AND EXPERIENCE WITH BASIS: AN INTERACTIVE PROGRAMMING SYSTEM FOR INTRODUCTORY COURSES IN INFORMATICS.	0.0
Online Mob Programming: Effective Collaborative Project-Based Learning	0.0
Supporting a MOOC through a Conversational Agent. Design of a First Prototype	0.0
Individualized Learning Patterns Require Individualized Conversations Data-Driven Insights from the Field on How Chatbots Instruct Students in Solving Exercises	0.0
A first proposal of Pedagogic Conversational Agents to develop computational thinking in children	2.0
Adaptive learning module for a conversational agent to support MOOC learners	0.0
Ontology-based integration of knowledge base for building an intelligent searching chatbot	0.0
Chatbot for College Website	0.0
Visual authoring of virtual reality conversational scenarios for e-learning	0.0
A Blueprint for Integrating Task-Oriented Conversational Agents in Education	1.5
ScratchThAI: A conversation-based learning support framework for computational thinking development	0.0
An Architectural Design of ScratchThAI A conversational agent for Computational Thinking Development using Scratch	0.0
The impact of chatbots using concept maps on correction outcomes—a case study of programming courses	3.0
Development of online learning media based on Telegram Chatbot (Case studies: Programming courses)	2.0
TicTad: A chatterbot for learning visual C# programming based on expert system	3.0
CLuAI - Conversational Learning using Artificial Intelligence: An Interactive and Adaptive Chatbot Learning Framework for Teaching Programming	0.0
Python-bot: A chatbot for teaching python programming	4.0
Interactive online tool as an instrument for learning mathematics through programming techniques, aimed at high school students	0.0
Dialogue-directed programming learning system	0.0
How to Integrate Emotions in Dialogues With Pedagogic Conversational Agents to Teach Programming to Children	0.0
Principles for the design of an educational voice assistant for learning java	0.0
Pedagogic conversational agent dialogue management to learn how to program [Gestión del diálogo de un Agente Conversacional Pedagógico para aprender a programar]	0.0
A Video Game-Like Approach to Supporting Novices in Learning Programming	0.0

Title	Quality Score
Sara, the Lecturer: Improving Learning in Online Education with a Scaffolding-Based Conversational Agent	4.0
A cognitive assistant for learning java featuring social dialogue	4.0
Coached program planning: Dialogue-based support for novice program design	4.0
A Pilot Study Integrating an AI-Driven Chatbot in an Introductory Programming Course	4.0
An interactive book authoring tool to introduce programming logic in schools	0.0
Revision-Bot: A Chatbot for Studying Past Questions in Introductory Programming	3.0
A Conversational Assistant on Mobile Devices for Primitive Learners of Computer Programming	0.0
Pyo, a Chatbot Assistant for Introductory Programming Students	3.0
Using Learning Analytics to Explore Responses from Student Conversations with Chatbot for Education	3.5
Implementation of Chatbot in Online Classes using Google Classroom	0.0
Design Intelligent Educational Chatbot for Information Retrieval based on Integrated Knowledge Bases	2.5
Say hello to 'Coding Tutor'! Design and evaluation of a chatbot-based learning system supporting students to learn to program	4.0
Agentic Engagement with a Programmable Dialog System	0.0
Semantics Driven Interaction Using Natural Language in Students Tutoring	0.0

