

1. Record Nr.	UNINA9910263043603321
Titolo	English Studies
Pubbl/distr/stampa	[Lisse, the Netherlands], : Swets & Zeitlinger Pub Abingdon, Oxfordshire, UK, : Routledge Journals
ISSN	1744-4217
Descrizione fisica	1 online resource
Disciplina	420.5
Soggetti	English philology English literature - Study and teaching Philologie anglaise Littérature anglaise - Étude et enseignement Engels Letterkunde Taalwetenschap Periodicals.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed Numbers for 1919-1920 issued without subtitles. Numbers for 1921- have subtitle which varies. Editors: 1919- R.W. Zandvoort and others.
Nota di bibliografia	Includes bibliographical references.

2. Record Nr.	UNINA9910254749403321
Autore	Pant Tanay
Titolo	Building a Virtual Assistant for Raspberry Pi : The practical guide for constructing a voice-controlled virtual assistant / / by Tanay Pant
Pubbl/distr/stampa	Berkeley, CA : , : Apress : , : Imprint : Apress, , 2016
ISBN	9781484221679 1484221672
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (XVII, 95 p. 27 illus. in color.)
Collana	Technology in Action
Disciplina	006.3
Soggetti	Computer input-output equipment Artificial intelligence Robotics Automation Hardware and Maker Artificial Intelligence Robotics and Automation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Sommario/riassunto	Build a voice-controlled virtual assistant using speech-to-text engines, text-to-speech engines, and conversation modules. This book shows you how to program the virtual assistant to gather data from the internet (weather data, data from Wikipedia, data mining); play music; and take notes. Each chapter covers building a mini project/module to make the virtual assistant better. You'll develop the software on Linux or OS X before transferring it to your Raspberry Pi, ready for deploying in your own home-automation or Internet of Things applications. Building a Virtual Assistant for Raspberry Pi walks you through various STTs and TTSs and the implementation of these components with the help of Python. After that you will start implementing logic for handling user queries and commands, so that the user can have conversations with Melissa. You will then work to improve logic handling to detect what the user wants Melissa to do. You will also work on building some

useful applications/modules for Melissa, which will allow you to gain interesting information from Melissa such as the time, weather information, and data from Wikipedia. You will develop a music playing application as well as a note taking application for Melissa, laying the foundations for how Melissa can be further extended. Finally, you will learn how to deploy this software to your Raspberry Pi and how you can further scale Melissa to make her more intelligent, interactive and how you can use her in other projects such as home automation as well.

What You'll Learn Design the workflow and discover the concepts of building a voice controlled assistant Develop modules for having conversations with the assistant Enable the assistant to retrieve information from the internet Build utilities like a music player and a note taking application for the virtual assistant Integrate this software with a Raspberry Pi

Who This Book Is For Anyone who has built a home automation project with Raspberry Pi and now want to enhance it by making it voice-controlled. The book would also interest students from computer science or related disciplines.
