



Speech Recognition & Natural Language Processing

I have a keen interest on the intersection of software and language, so I've been collecting these resources about speech recognition and natural language processing for your enjoyment too.

Libraries and Tools

- [Natural Language Toolkit \(NLTK\)](http://www.nltk.org/) (<http://www.nltk.org/>)
- [Getting Started with Visual Studio](https://msdn.microsoft.com/library/ms165079) (<https://msdn.microsoft.com/library/ms165079>)
- [Alexa Voice Service](https://developer.amazon.com/public/solutions/alexa/alexa-voice-service) (<https://developer.amazon.com/public/solutions/alexa/alexa-voice-service>)
- [API.ai](http://voicerecorder.codeplex.com/) (<http://voicerecorder.codeplex.com/>) [Voice Recorder at Code Plex](#) (<http://voicerecorder.codeplex.com/>)
- [Wit.ai](https://wit.ai/) (<https://wit.ai/>)
- [SyntaxNet](http://googleresearch.blogspot.com/2016/05/announcing-syntaxnet-worlds-most.html) (<http://googleresearch.blogspot.com/2016/05/announcing-syntaxnet-worlds-most.html>)
- [NLP Compromise](http://nlp-compromise.github.io/) (<http://nlp-compromise.github.io/>)

Voice Banks and Corpii

- [Forvo Dialect Database](http://forvo.com) (forvo.com)
- Switchboard phone conversations
- Shakespeare
- Google N-grams

Courses and Tutorials

- [Behind the Mic: The Science of Talking to Computers](https://www.youtube.com/watch?v=yxxRAHVtafl) (<https://www.youtube.com/watch?v=yxxRAHVtafl>)
- [Interacting with Particle Device Using Slack and NLP](https://www.hackster.io/kvvarma/interacting-with-particle-device-using-slack-and-nlp-458714?ref=platform&ref_id=286_trending__&offset=21) (https://www.hackster.io/kvvarma/interacting-with-particle-device-using-slack-and-nlp-458714?ref=platform&ref_id=286_trending__&offset=21)
- [Get Started with Speech Recognition \(Hackaday\)](http://hackaday.com/2010/07/09/get-started-with-speech-recognition/) (<http://hackaday.com/2010/07/09/get-started-with-speech-recognition/>)
- [Microsoft Introduction to Speech Recognition](https://msdn.microsoft.com/en-us/library/office/hh361683(v=office.14).aspx) ([https://msdn.microsoft.com/en-us/library/office/hh361683\(v=office.14\).aspx](https://msdn.microsoft.com/en-us/library/office/hh361683(v=office.14).aspx))