

"Improving Support for Human Languages on Computers and Mobile Devices"

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Language technology of computers and mobile devices has come a long way. Every piece of text on every modern device is now Unicode, but you may find:

- where some of the characters for your language are missing
- where the characters don't display correctly
- where you cannot type them or send them as text to those in your language community
- or where these things work, but you want to take the next steps in language technology support

We realize that there is a myriad of technology choices – for Unicode characters, their fonts and display, keyboards, data, spell checking, translation, and more. Where you'd like assistance, this presentation will help guide you through the technology maze so that you can make the best choices for your languages.

We have done a bit of advance research on Algonquian languages and found some support gaps in the technology and opportunities for improvement. In this presentation, we will introduce pro bono resources to help create or improve fonts, keyboards, and more – that can either be built into operating systems or third-party solutions or both.

Lastly, we'll point you to our office hours so you can meet a few of the people with Unicode, Stanford SILICON (Stanford Initiative on Language Inclusion and Conservation in Old and New Media), and Translation Commons (tech partner to UNESCO's International Decade of Indigenous Languages). In the office hours, we can be more focused in sharing technology solutions just for your language.