

# Keaton Guderian

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## Education

University of Washington, Seattle

2016-2020

- Bachelor of Arts, *Linguistics*
- Bachelor of Science, *Speech and Hearing Science*

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### Programming Languages

- For 11 years: Python
- For 8 years: HTML, Javascript
- For 4 years: Rust, C, Typescript

### Other Technical Skills

- Django
- Flask
- Postgres
- Sqlite
- Docker
- Svelte
- React
- Express.js

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## Experience

### Ikolith Recreations

Contractor

2021-2022

- Wrote and managed utility scripts, mostly in Python and bash, to automate workflow tasks such as document formatting.
- Developed an automated pipeline to convert and compile Markdown documentation into Latex for publication.
- Created a program to partially simulate the evolution of a fictional language over time as a worldbuilding and writing aid

### Boxwave

Developer

2023- present

- Wrote internal tools in Python and C Sharp to automatically fetch up-to-date vendor reports via Amazon's seller API, reducing the time required for daily administrative tasks by an order of magnitude.
- Trained and deployed a Recurrent Neural Network using Tensorflow to automate various organization tasks involving optical character recognition

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## Projects

### Dateparse

Python

- A pure Python library for parsing natural language expressions about time, like "two weeks ago", "a week before Christmas", "in four months" into Python date objects.

### GPTui

Rust

- A modern terminal user interface for the OpenAI chat completions API
- Includes: asynchronous token streaming display, syntax highlighting in code blocks, system clipboard integration, and local conversation history storage via Sqlite

### Tarot

Typescript, React, Express.js, HTML/CSS

- A demo React/Express web that draws and presents random Tarot cards. Viewable at [pentacles.page](https://pentacles.page).

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## Other Interests

- Ancient languages (Latin, Attic Greek)
- Ancient languages (Lisp, C89, Ada)
- Constructed Languages
- Distance running, cycling