Keaton Guderian

Website: implicit.computer
Email: keaton@alloquor.net
LinkedIn : linkedin.com/in/keagud
Github: github.com/keagud

Education

University of Washington, Seattle   *2016-2020*

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

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

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

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.

Other Interests

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