# Keaton **Guderian**

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## LINKS

- github
- website

## EDUCATION

*University of Washington, Seattle*
2016-2020
- Overall GPA: 3.88, graduated *Cum Laude*
- Made the Dean's List for every term that met the credit requirement (all but 2)
- Phi Beta Kappa member since 2018

**Bachelor of Arts, Linguistics**
- *Curriculum included courses on theory of syntax, formal logic, and computational linguistics with natural language processing.*

**Bachelor of Science, Speech & Hearing Science**
- *Curriculum included courses on physics and signal processing theory.*

## HOBBIES & INTERESTS

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

## TECHNICAL SKILLS

- **Programming Languages:**
  - Proficient: *Python*
  - Competent: *C, C++, Javascript/Typescript*
  - Actively Learning: *Rust, PureScript*
- **Other Technical Skills:**
  - Linux user for all personal computing needs for the past 7 years, adept in most common command line utilities in the Linux/Unix environment (bash/zsh, sed, grep, ssh, vim...), as well as the Unix filesystem architecture and API
  - Experienced with the use of version control with Git
  - Proficient in digital typesetting with LaTeX

## PROJECTS

**Della** — Python
- A personal orginizer similar to TaskWarrior, with the added feature of natural language processing to allow todos to be managed with a simple, naturalistic command syntax, e.g. "pick up Dave at the airport a week from this Wednesday."
- Users can interact with and view their upcoming tasks either from the command line, or from a terminal graphical interface.

**Dateparse** — Python
- A pure Python, dependency-free library for parsing natural language expressions about time into Python

**Linelog** — Python
- A development productivity tool that calculates the number of lines of code commited in Git by a given user, over a given interval of time, and displays the results as a curses-style graph on the command line broken down by language.
- The definition of a "line" is on a langugage-by-langauge basis; for example, a line starting with # in Python is a comment and should be ignored, but in C the same line is a preprocessor directive that should be counted.
- Users can fully customize this behavior via a YAML configuration file.