MICHAEL SENDKER

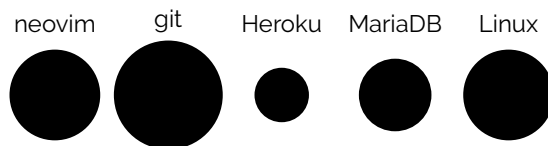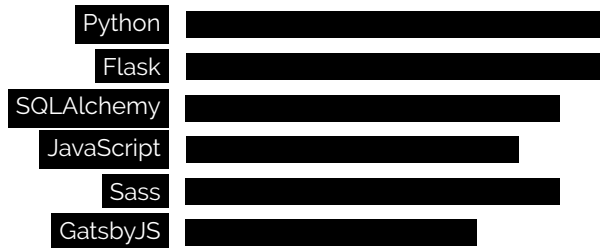## Python Developer

Tarpon Springs, FL

+1 (727) 272-3915

m88@stdwtr.io

standingwater.io

blog.standingwater.io

michael-sendker

malan88

malan88

WHO AM I?

I consider myself principally a Python developer. I have spent the past three years developing a diverse range of software in Python, from ETL pipelines to password generators to combinatoric optimizers. But by far most of my time has been spent developing a single web application, consisting of ≈14,000 lines of code in Python, Flask, and SQLAlchemy, in the pursuit of my obsession with literature: anno.wiki.

Python

Flask

SQLAlchemy

JavaScript

Sass

GatsbyJS

neovim   git   Heroku   MariaDB   Linux

PROJECTS

2018 – Current   **anno.wiki (International Canon Cloud)**   **Web App**
Designed, developed, launched, and maintained solo. ≈14,000 lines of code. Backend using Flask/SQLAlchemy. Frontend using Jinja2, Sass, and VanillaJS. Wrote many ETL data pipelines for processing Project Gutenberg texts. Required an incredible amount of problem solving. Learned entire web application life cycle. Maintained at anno.wiki.
```
Python / Flask / SQLAlchemy / MariaDB / Elasticsearch / pytest / Heroku
```

2019 – 2020   **glendalepainting.com**   **Static Site**
Static site generated for a commercial painting company. Built from default Gatsby starter. Collaborated with friend to develop project gallery. Used react-spring for parallax effects.
```
JavaScript / GatsbyJS / ReactJS / GraphQL / react-spring /
styled-components / Netlify
```

2020   **vote.py**   **Scheduler Program**
Wrote a script to be run on an AWS EC2 instance. Uses Twilio to text a friend, reminding her to register to vote. Frequency of texts accelerates as the due date for registration nears.
```
Python / sched / AWS EC2 / Twilio
```

2020   **standingwater.io & blog.standingwater.io**   **Static Sites**
Two static sites generated using GatsbyJS. One built from an HTML5Up template, the other from the default starter.
```
JavaScript / GatsbyJS / GraphQL / styled-components / Netlify
```

2019   **Minimal Pairs Scraping Project**   **Scraper**
Generated an Anki deck for recognizing phonemes difficult to hear for an American English speaker using "minimal pairs," words in French which differ by only one phoneme. Limit for requests was 500 per day, had to save progress and restart the next day.
```
Python / requests / BeautifulSoup4 / json / csv
```

EDUCATION

2008 – 2010   **Philosophy and Classics**   **Florida State University**
Focus on Ancient Philosophy, particularly Aristotle, Philosphy of Mind, and Symbolic Logic. Ancient Greek and Latin. President of Philosophy Club (2010)

2007 – 2008   **Philosophy**   **University of South Florida**
General introductory classes, Social Philosophy, Critical Thinking

LANGUAGES

English - native
French - fluent
Spanish - rudimentary

HOBBIES

I love high culture. Wine, literature, music, art cinema; anything that makes life worth living. And running.

STRENGTHS

I have enough experience to have full confidence in my ability to learn anything.