

MICHAEL SENDKER

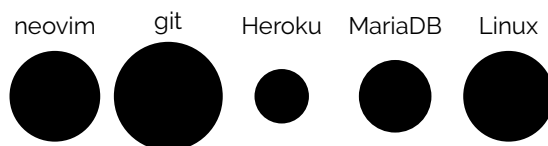
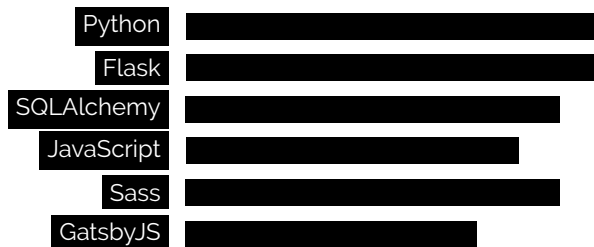
Software Developer

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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 $\approx 14,000$ lines of code in Python, Flask, and SQLAlchemy, in the pursuit of my obsession with literature: anno.wiki.



PROJECTS

2018 – Current	anno.wiki (International Canon Cloud) Designed, developed, launched, and maintained solo. $\approx 14,000$ 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	Web App
2020	language-map.com ReactJS web app to show which countries speak your language. Built using React Simple Maps and Material-UI components. Required extensive data-gathering web scraping project. JavaScript / ReactJS / React Simple Maps / Material-UI / Python / BeautifulSoup4	ReactJS App
2019 – 2020	glendalepainting.com Commercial painting company portfolio. JavaScript / GatsbyJS / GraphQL / react-spring / styled-components / Netlify	Static Site
2020	vote.py Automated Python script to encourage and remind people to register to vote. Deployed using AWS EC2 instance to enable continuous service. Integrated Twilio as texting client. Python / sched / AWS EC2 / Twilio	Scheduler
2019	Minimal Pairs Scraping Project Anki deck with audio files for recognizing phonemes difficult for an American English speaker using "minimal pairs," words in French which differ by only one phoneme. API request limit of 500 per day required use of JSON file to save progress. Python / requests / BeautifulSoup4 / json / csv	Scraper

EDUCATION

2008 – 2010	Philosophy and Classics Focus on Ancient Philosophy, particularly Aristotle, Philosophy of Mind, and Symbolic Logic. Ancient Greek and Latin. President of Philosophy Club (2010)	Florida State University
2007 – 2008	Philosophy General introductory classes, Social Philosophy, Critical Thinking	University of South Florida

LANGUAGES

English - native, French - proficient,
Spanish - rudimentary

HOBBIES

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

STRENGTHS

I have had enough experience learning new things to have full confidence in my ability to learn anything.