

Dawn Michelle Wages (she/her)

Web, Data & Ethical OSS Engineer

@dawnwagessays | dawn.wages@gmail.com

co-op / calendar
glittertech.dev

personal site
DawnWages.info

github
dawnwages

linkedin
dawnwages

I am dedicated to the health, safety and diversity of the Python and Django community internationally. I've spent 6 years working in technology learning and teaching in the open. I'm a full stack web engineer creating empathetic and accessible applications, with an e-commerce project management, JavaScript and Python consulting background.

SKILLS

Programing Languages and Tools: Python, Django, WagtailCMS, DRF; ECMAScript Languages: TypeScript, ES5 and ES6, JavaScript; IDEs and Python Dists: VSCode with Pylance, PyCharm, GitPod, Jupyter and Anaconda Python; Progressive Web Apps: Auth0, HandlebarsJS, Babel, webpack, jQuery, AJAX, HTML5, CSS3, React, Redux; Data Stores: Firebase, Digital Ocean, EC2, Oracle, MySQL, PostgreSQL, MongoDB, RDS, DynamoDB, S3; DevOps and Servers: TerraForm, Linux/bash, git, Node, Express, Jenkins, Redis, Ansible, APIs, REST, npm & Yarn, Docker, gulp

CORE QUALIFICATIONS

- Active volunteer in the Django, Wagtail and Ethical Open Source communities.
- Enjoys writing documentation for technical and non-technical users.
- Practiced in maintaining and committing clean, readable code, with concise commits.

COMMUNITY

WagtailCMS

Dec 2019 - present

Core Team Member

- Volunteer Member of Core, UI and Headless Wagtail Teams, Google Summer of Code Admin 2021 and 2022, Wagtail Space speaker, organizer and attendee 2018 - present in US and Netherlands. Meet twice per week for various responsibilities.
 - [Star Trek LCARS on Wagtail](#) - demonstrating headless Wagtail with Vue
 - Wagtail talks: [Wagtail Community](#), Gatsby + Wagtail [@Inclusive Product Week](#) and [@PyconAU](#)

At The Root + Organization for Ethical Source

Jan 2020 - present

Founder, React and Python Contributor

- [At The Root \(ATR\)](#) is currently working on the first releases of its AntiRacist Ethical Source License and AntiRacist Software Developer Kit respectively and contribute to Organization for Ethical Source's (OES) objectives. Weekly meetings.
 - In partnership with the OES, the creators of the Contributor Covenant and the Hippocratic License, our team is working with the Corporate Accountability Lab's lawyers to draft license v 1.0.
 - The software development kit's first release will be a python package that includes resource APIs, wrappers and tooling to prioritize the most marginalized with the goal of being a single source for SMEs to discuss and share how they've created inclusive software systems. ATR SDK is currently in the DX research phase.

Django + Other Community Work:

- Django Girls 2019, 2021 Organizer and DjangoCon US [2019](#), [2021](#), [2022](#) + EU [2019](#) Organizer
- Podcast appearances: [Django Girls Podcast](#), [Django Chat](#)
- Lots of one-on-one informal mentoring; I enjoy giving back to the community and it makes me a better engineer

SELECTED WORK EXPERIENCE

The Wharton School at The University of Pennsylvania, Philadelphia, Pennsylvania

Jul 2021 - present

Senior Research Programmer

- Building custom research applications and managing data pipelines for researching Wharton faculty and PhDs with Wharton Computing and Instructional Technology - Research Programming team. Projects average between 20 - 50 hours each, 3-5 projects at one time.

- Responsible for creating and grooming tickets, working directly with professors and researchers diagnosing technical needs from non-technical specifications, adapting to and contextualizing research discipline SME and writing documentation and articles for technical team and at-large faculty.
- Python, Django, DRF, Qualtrics, Vanilla JavaScript, ES8+, React, PostgreSQL, AWS datastores: Aurora, Dynamo, RDS, S3, TerraForm, Bash/Shell, HTML5, CSS3, Bootstrap, React, AWS products: API Gateway, Glue/Spark, Athena, SNS, SQS, WorkMail, SES, EC2, Lambda, shell scripting on HPC, documentation, translating user needs into technical requirements.
- Link: <https://research-it.wharton.upenn.edu/consulting/research-programming/>

GlitterTech (f.k.a. Rugby Street Designs), Raleigh, North Carolina, USA (Remote)

Nov 2015 - present

Principal and Full Stack Developer

- Remote Web App Development for start-ups, SMBs, and NonProfits in US and Europe with 2021 goal to evolve into co-op.

Two Rock, Raleigh, North Carolina (Remote)

Jan 2020 - Aug 2021

Frontend and Django Developer

- User Experience developer solving problems on mature Django applications committing quality, well-commented code.
- Main client was a law firm, with a client portal, attorney portal, CMS admin portal, notification system and highly automated client onboarding process based on county by county legalees.
 - Vanilla JavaScript, HTML5, CSS3, Bootstrap, jinja2, jQuery, React, Django, DRF, rule engine in Django, pytest, black, pep8, Wagtail, PostgreSQL, frontend redesigns, design system in Django templates, documentation.
 - Links: <https://www.tworock.io> , <https://iticket.law>

Black and Pink, Boston, Massachusetts (Remote)

2018 - present

Django and React Developer

- Application was stalled after the previous development team abandoned the project. I came in to help finish the application MVP in the first phase, then partnered with Two Rock Software to deploy a production ready product. Social penpal matching application, migrate data with EveryAction API for formerly incarcerated LGBTQ+ and HIV+ community.
 - Python 3.6, DRF, pytest, React, Redis, PostgreSQL, documentation
 - Links: <https://www.blackandpinkpenpals.org> , <https://www.blackandpink.org/>

Torchbox, Bristol, England (Remote)

2019

React Developer

- Freelance React UX and UI developer building out experience of chat application for end-client: Samaritans.
 - React + Redux, Python 3.6, DRF, Redis, enzyme / Jest testing
 - Links: <https://www.torchbox.com> , <https://www.samaritans.org/>

Lenovo, Raleigh, North Carolina

User Experience Engineer and e-commerce Project Manager

Oct 2016 - Jan 2019

- *React Engineer*: Full-time frontend engineer during a major transition from monolithic architecture to microservices. Participating in discussion and implementation of switching our services from React/Redux to Vue/NUXT, routing, and component architecture. Lead developer creating documentation routes for each component and team best practices.
 - JavaScript ES6, Vue/NUXT, React, Node, npm, gulp, handlebars, sass, MongoDB, e-commerce UX
 - Link: <https://www.lenovo.com>
- *Project Manager*: Tactical lead, project manager for Public promotions on Lenovo.com and promotion related user experience optimization
 - Promotion and merchandising idea generation, cross-functional team gathering requirements, design and user experience by communicating directly with development team as web producer, explain technical requirements as they deviate from business as usual, quality assurance in staged and live environment, and maintenance of widget or page for business requirements with iterative optimization.
 - Responsible for optimizing and implementing end-to-end web merchandising and web-exclusive sales on Lenovo.com North American routes with an emphasis on conversion (revenue participation per visit, average order revenue, average order volume, product-mix) and engagement (bounce-rate, page-visits, unique visitors, click-through rate, site flow).

EDUCATION & CERTIFICATIONS

University of North Carolina at Chapel Hill, Kenan-Flagler Business School, Chapel Hill, North Carolina

Aug 2014

Major: Bachelor of Science in Business Administration **Minor**: Sustainability