

Alia Fae (transfaeries)

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<https://transfaeries.com> | <https://github.com/transfaeries>

Plural System of Software Engineers and Artists. Specialising in NLP and ML applications and infrastructure for ML tasks.

Experience

Founding Software Engineer at Dryad Systems **July 2022 - Present**

- Collaborated on building a complex multi cloud system for ML tasks in the AI art space.
- Python queueing system running on fly.io and bidding for GPU time on spot gpu instances.
- Build a CI systems interfacing Github Actions with Google Cloud
- Edited Postgresql queries

Software Engineer at Mobilecoin, Inc **November 2021 - July 2022**

- Build payments enabled chatbots running for Signal Private messenger with Async Python and Rust
- Wrote extensive documentation and tests for the Forest Signal Bot Framework.
- Was point person with company ops on optimizing infrastructure for bots running on Fly.io and Kubernetes on Azure.
- Build backup system for Postgresql databases

Communications Manager **September 2020-May 2021**

Six Feet Up

- Manage all the content published to the company's website including blog posts and news items.
- Co-authored extensive technical blog posts on topics of Python, Machine Learning, and serverless architecture.

Jr. Cloud Engineer **February 2018 - August 2018**

SAP Machine Learning Foundation

- Learned about Kubernetes and Terraform. Innovated on object storage solutions for Machine Learning artefacts

Independent **May 2014 - Present**

- Write and publish fiction and non fiction on our blog at transfaeries.com
- Freelance writing for external publications
- Community building and activism.
- Contract Work Writing Python

Skill Highlights

- Python 10+ years of experience
- Kubernetes 5+ years of experience
- NLP 5+ years of experience

Education

B.S in Physics and Computer Science Morningside College	2010 - 2014 Iowa, United States
M.S. in Computer Science (unfinished) Technical University, Berlin	2017 - 2018 Berlin, Germany

Publications

Are you there, Satan? It's me, Laura. (Short story) **2016**

Published in award winning anthology [Meanwhile, Elsewhere](#)

How to Convert Matlab Code to Python (sweetcode.io) **2020**

Various Written and Ghostwritten pieces for Six Feet Up ([sixfeetup.com](#)) 2020-2021

Projects

Faebot: Artificial Intelligence faerie bot ([transfaerie.com/faebot](#))

- Written in Python, posts generated content to Twitter, Mastodon and Discord
- Uses a fine tuned GPT-3 Model.

Bilingual Short Story Zines ([gumroad](#))

Forest: Signal Bot Framework ([github](#))

- Python library for running bots on Signal, interfaces with Java or Rust based Signal Clients.
- Am one of a team of maintainers for a large open source library with external contributors

Podcasts

Developers Eating The World – Aisling Fae Cloud Engineer ([youtube](#))

Butterflies and Incantations – An Interview with Aisling Fae ([listen](#))