

## Aisling Fae

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### Professional Summary

Software Engineer with 5+ years of experience coding in Python, Bash, and C++. 1 year of professional experience working with Google Cloud Platform, AWS, Kubernetes, GoLang, and Jenkins. Looking to work in a company heavily involved with ML, AI, and/or NLP.

Permanent resident, able to work in the US without needing a Visa.

### Skills

Cloud Technologies: Google Cloud Platform, Amazon Web Services, Docker, Kubernetes, Terraform

Programming Languages: Python, Bash, Java, Go, Ruby, C++, C#

CI/CD: Jenkins, GitLab

Web: Javascript, HTML5, CSS, Rails

Science: Machine Learning(Jupyter, Numpy, SciPy) , Matlab, Calculus, Linear Algebra

Spoken Languages: Fluent in English, Spanish, and German

### Experience

#### Freelancer

November 2019 - Present

- Completed a Project for a client converting Matlab Code to Python using Jupyter notebooks. Over 1000 lines of code.

#### Jr. Cloud Engineer

February 2018 - August 2018

##### SAP Machine Learning Foundation

- Developed a solution to test our SSH certificate auto renewal by adapting open source software written in Go
- Developed a novel storage solution using Google Bucket storage and tested it thoroughly and presented my findings to management.
- Maintained the Kubernetes infrastructure on our Google Cloud instance by editing Terraform manifests, Helm Charts, and other minor tasks.
- Participated in 6 Agile Sprints

#### Freelancer

May 2014 - February 2018

- Wrote several articles for online publications
- Wrote and self-published short fiction
- Published a short story in an Award Winning Anthology "Meanwhile, Elsewhere"

#### Research Intern

June 2012 - August 2012

##### IBM Research Center Almaden

- Studied the properties of Magnetic Tape Roller systems in order to increase storage density.
- Presented findings to Senior Management

#### Student Technical Assistant

March 2011 - May 2014

##### Morningside College

- Assisted hundreds of students, faculty and staff with computer issues in both Windows and Mac OS
- Set up equipment such as projectors, monitors, and lights for events
- Resolved hardware and software issues in person and over the phone
- Implemented frontend changes to the University's website to make it mobile friendly

### Education

#### Bachelor of Science, Physics and Computer Science, with a Minor in Theatre

Morningside College, May 2014

### Projects

#### Faebot, Artificial Intelligence Twitter Bot.

August 2014 – Present

- Written in Python, runs on Heroku
- Posts generated status updates to Twitter and Mastodon
- Next Step: Major Rewrite Using Test Driven Development
- Source: [github.com/AislingFae/faebot](https://github.com/AislingFae/faebot)