

# Kate Kulinski

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## Employment

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### Kamusi Project

Geneva, Switzerland (Remote)

WEB DEVELOPER INTERN

August 2018 – Present

- Designed a consistent style set for the web applications and pages hosted on <https://kamusi.org>,
- Created Facebook Messenger bots, hybrid mobile apps, lexical databases and other language technologies with Kamusi Labs.
- Set up development environments on Docker and Vagrant.

### Asheville FM

Asheville, NC

DIGITAL CONTENT INTERN

August 2018 – Present

- Developed Alexa Skills and Google Home/Assistant Actions that play content from <https://www.ashevillefm.org/shows/>
- Talked about timely regional, national, and international news on air every Thursday night.
- Managed and designed new features for Asheville FM's WordPress website with HTML and CSS.
- Interviewed politicians and other local figureheads, then edited the interviews into NPR-like stories for Buncombe County listeners.

### North Carolina Youth Conservation Corps

Pisgah National Forest

CREW MEMBER

June 2018 – August 2018

- Refurbished eight different trails, including the Art Loeb—a 30-mile backpacking trail.
- Laid out and compressed fresh gravel to give disabled hikers better access to the area's network of trails.
- Learned the basics of dry stone masonry, de-berming, water bar construction, rolling dip construction, and many other trail building techniques.

## Education

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### University of North Carolina

Asheville, NC

BS IN LINGUISTICS + CS

September 2018 – Present

## Skills

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#### Python:

NumPy, SciPy, pandas, NLTK, CLTK, PRAW, Discord.py

#### R:

dplyr, tidyr, twitterR, stringr, ggplot2, googleVis, tidytext

#### JavaScript ES6:

Angular, Node, React and React Native, JQuery

#### Technologies:

Arduino, Raspberry Pi, HTML5 + CSS3, Linux, TensorFlow, Vagrant + Docker, WordNet, TalkBank, AWS

**Natural Languages:** Russian, Arabic

## Projects

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### Overton Toolkit

R, ggplot2, Twitter, Python

A LIBRARY OF OPEN SOURCE TECHNOLOGIES THAT QUANTIFY THE RANGE OF IDEAS TOLERATED IN ONLINE POLITICAL DISCOURSE. IT MEASURES PUBLIC OPINION BY SCRAPING TWITTER, FACEBOOK, REDDIT, YOUTUBE, WIKIPEDIA AND OTHER PLATFORMS.

<https://github.com/katurian/hash>

### Lucian

Python, markovify, PRAW

USES FEEDPARSER, PRAW, AND MARKOVIFY TO GENERATE SENTENCES LINGUISTIALLY SIMILAR TO THOSE OF REDDIT. INPUT ANY SUBREDDIT'S RSS FEED TO TEST THIS. IN A NUTSHELL, IT COMPILES TOP REDDIT COMMENTS THEN MARKOVIFIES THE CORPUS. LATER, USER UPVOTES AND DOWNVOTES WILL TRAIN THE PROGRAM TO PRODUCE MORE CONVINCING ENGLISH.

<https://github.com/katurian/lucian>

### msgbot

Python, discord.py

A DISCORD SELFBOT THAT STORES USER MESSAGES IN INDIVIDUAL .CSV FILES. CURRENTLY PERSISTS A TIMESTAMP, AUTHOR ID, GUILD ID (WHERE APPLICABLE), CHANNEL ID, AND MESSAGE CONTENTS. MSGBOT WILL LATER EXPAND TO OTHER SOCIAL MEDIA PLATFORMS, ACTING AS A DATABASE TOOL FOR NLP RESEARCHERS.

<https://github.com/katurian/msgbot>