zoe**helding**

tech - games - politics

contact

Logan Square
Chicago, IL 60647

708 203 5028

zoe.helding@gmail.com
github://zhelding
itch://StumblecatStudios
linkedin://zhelding

about me

I am a self-taught software engineer with broad programming experience and a knack for learning – looking to break into the games industry.

technical competencies

Godot
Unity
Unix systems
Bash / Shell
Git / GitHub / GitLab
cloud architecture
AWS
infrastructure as code
CI / CD pipelines
web development
ETL data processes
statistical analysis
Jira
Scrum

experience

2021–2022   **HashiCorp**   Remote Position
Software Engineer
- Engineer on the team maintaining the Terraform AWS Provider - a large, popular open-source repository downloaded nearly 20 million times a week
- Resolved reported issues - collaborating with users to implement bug fixes and new features, including support for a number of AWS resources
- Collaborated with AWS to implement new QuickSight API functionality requested by State Farm and update their relevant documentation

2020–2021   **CivicActions**   Remote Position
Full Stack Engineer
- Maintained and upgraded internal resources hosted on a GCP Kubernetes cluster via a GitLab CI pipeline using Terraform infrastructure as code
- Monitored uptime on company homesite and performed a series of front-end upgrades in conjunction with our design team
- Set up an internal IT support system and fielded tickets – providing triaged incident support across our entire organization

2019–2020   **Gray Matter Analytics**   Chicago, Illinois
Software Engineer
- Designed and deployed reusable cloud infrastructure for clients across AWS and Azure using Terraform and Terragrunt
- Wrote Bash and Python scripts to automate server configuration upon deployment as well as regular maintenance
- Troubleshot issues across our tech stack (MongoDB, Flask API, Angular frontend) as necessary

2017–2019   **Analyst Institute**   Remote Position
Software Engineer
- Solo developer on Babbleverse, an SMS survey recruitment tool powered by Flask designed for use by progressive political organizations
- Implemented a new company-wide data architecture using AWS cloud resources, including a voter file pipeline processed using Hadoop

2016–2017   **270 Strategies**   Chicago, Illinois
Data Analyst

education

2013–2016   **Bachelor** of Philosophy, Politics, and Economics   University of Oxford
Won a prize for best undergraduate thesis in politics

interests

professional: game design, simulated systems, remote project management, DevOps

personal: games of all kinds (video, board, tabletop, card), music performance, journaling