Forest Anderson

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EDUCATION

BCS in Computer Science *Ottawa, ON*
Carleton University *Expected Dec 2023* ( )

LINKS

GitHub: AngelOnFira
GitLab: AngelOnFira
LinkedIn: forest-anderson

SKILLS

Languages: Rust • Python • TypeScript

Technologies: Docker • Nomad • Terraform AWS • Digital Ocean • Hetzner GitHub Actions • GitLabCI • Jenkins

Frameworks: **Django** • **Node.js** • **Flask** • **Ruby on Rails**

VOLUNTEER

Carleton Computer Science Society
Various Positions Sept 2015 - May 2022

TALKS

EXPERIENCE

Veloren *Jan 2019 - Present | Remote*
Meta Team Lead, Core Developer
- Re-designed **Gitlab CI** system to use **Docker** images and optimize **Rust** builds
- Edited a weekly blog detailing the recent technical advancements
- Hosted weekly meetings with contributors to discuss development progress
- Spoke at **CUSEC 2020**, **MiniDebConf 2 2020**, and **Rust in Arts 2021**

Awetza *Nov 2019 – Present | Remote*
Backend Developer
- Decided on technical stack and direction for new platform
- Created several prototypes to test out different technologies

Timsle *July 2018 – Apr 2020 | Ottawa, ON*
Backend Developer
- Migrated the backend stack from **Heroku** to **AWS Fargate**
- Designed and developed a **CI/CD** pipeline with **Jenkins**
- Created **Docker** images for development and production web servers

PROJECTS

Rusty Christmas Tree *Dec 2021*
https://github.com/AngelOnFira/rusty-christmas-tree
- A Raspberry Pi program that controls an LED Christmas tree
- Created in Rust with local visualization done using Nannou
- Includes a Warp backend server and a frontend UI made with Yew

Resume Templater *July 2019*
https://github.com/AngelOnFira/resume-templater
- A tool that creates versions of resumes for different positions
- Uses the Jinja library to template .tex files in the Deedy resume format
- Created a Docker image for easy usage without installing multiple libraries

Miracle Merchant AI *Jan 2018 - April 2018*
https://github.com/AngelOnFira/Miracle-Merchant-AI
- An AI created for the mobile game '**Miracle Merchant**'
- Created in **Python** with data visualization done using **Plotly** and **Jupyter Notebook**
- Of **~5000 tests**, the median score was better than most experienced players
- Seven tests resulted in scores higher than the **global high score**

PUBLICATIONS