

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
v(8pt)

SKILLS

Languages: Rust • Python • TypeScript

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

VOLUNTEER

Rust Gamedev Working Group
Working Group Member 2020 - Present

Rust CTCFT Working Group
Working Group Member 2020 - Present

Carleton Computer Science Society
Various Positions Sept 2015 - May 2022

TALKS

GitHub Universe '22 *Codespaces in Education with David J. Malan*

CUSEC '22 *Leveling Up Game Development with Rust*

Rust in Arts '21 *Director's Commentary: Veloren*

HashiTalks: Deploy '21 *Nomad for Students*

Minidebconf '20 *Community Game Development in Rust: A Biopsy*

EXPERIENCE

Meta Team Lead, Core Developer *Jan 2019 - Present | Remote Veloren*

- 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

Backend Developer *Nov 2019 – Present | Remote Awetza*

- Decided on technical stack and direction for new platform
- Created several prototypes to test out different technologies

Backend Developer *July 2018 – Apr 2020 | Ottawa, ON Timsle*

- 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

PUBLICATIONS

Automated pebble mosaic stylization of images

<https://doi.org/10.1007/s41095-019-0129-0>

Lars Doyle, Forest Anderson, Ehren Choy, David Mould. Computational Visual Media

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*CUSEC '20 Cultivating A Healthy
Open Source Community*