

# Forest Anderson

<https://forest-anderson.ca> | [forestkzanderson@gmail.com](mailto:forestkzanderson@gmail.com) | +1 (613) 699-1031

## 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

## EDUCATION

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

## EXPERIENCE

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

```
item(
    body: [Re-designed Gitlab CI system to use Docker images
and optimize Rust builds],
),
item(
    body: [Edited a weekly blog detailing the recent technical
advancements],
),
item(
    body: [Hosted weekly meetings with contributors to discuss
development progress],
),
item(
    body: [Spoke at CUSEC 2020, MiniDebConf 2 2020, and Rust in
Arts 2021],
),
)
```

**Backend Developer** *Nov 2019 – Present | Remote*  
*Awetza*

```
item(
    body: [Decided on technical stack and direction for new
platform],
),
item(
    body: [Created several prototypes to test out different
technologies],
),
)
```

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

```
item(
    body: [Migrated the backend stack from Heroku to AWS
Fargate],
),
item(
    body: [Designed and developed a CI/CD pipeline with
Jenkins],
),
item(
    body: [Created Docker images for development and production
web servers],
)
```

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),  
)

## PROJECTS

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### 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

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### Automated pebble mosaic stylization of images

2019

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

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

## TALKS

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### GitHub Universe '22

<https://www.youtube.com/watch?v=LuiqVZnOaVk>("Codespaces in  
Education with David J. Malan",)

### CUSEC '22

<https://www.youtube.com/watch?v=C4ksw3Jvq4E>("Leveling Up Game  
Development with Rust",)

### Rust in Arts '21

<https://www.youtube.com/watch?v=N1f10QC5O4M>("Director's  
Commentary: Veloren",)

### HashiTalks: Deploy '21

<https://www.youtube.com/watch?v=76ckrB4W2ss>("Nomad for  
Students",)

### Minidebconf '20

<https://www.youtube.com/watch?v=76FPpOnshNw>("Community Game  
Development in Rust: A Biopsy",)

### CUSEC '20

<https://www.youtube.com/watch?v=aS26sqT09Pw>("Cultivating A  
Healthy Open Source Community",)