

# 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:** GitHub Actions • GitLabCI • Jenkins

## VOLUNTEER

Rust Gamedev Working Group  
*Working Group Member* 2020 - Present

Rust CTCFT Working Group *Working Group Member* 2020 - Present

HashiCorp Ambassador *Community Ambassador* 2021 - 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

**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**

## 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


## 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*