Forest Anderson

? https://forest-anderson.ca | ? forestkzanderson@gmail.com | ? +1 (613) 255-5760

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*