Forest Anderson

? https://forest-anderson.ca | ? 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 (
  "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 *2019*
https://doi.org/10.1007/s41095-019-0129-0(
  "Lars Doyle, Forest Anderson, Ehren Choy, David Mould. Computational Visual Media",
)

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TALKS

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=aS26sqTO9Pw("Cultivating A Healthy Open Source Community",)