

Forest Anderson

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EDUCATION

CARLETON UNIVERSITY
BCS IN COMPUTER SCIENCE
Honours in Game Development

LINKS

GitHub:// [AngelOnFira](#)
Gitlab:// [AngelOnFira](#)
LinkedIn:// [forest-anderson](#)

SKILLS

LANGUAGES:

Rust • Python • Typescript

TECHNOLOGIES:

Docker • Nomad • Terraform
AWS • Digital Ocean • Hetzner
GitHub Actions • GitlabCI • Jenkins

VOLUNTEER

RUSTLANG GAMEDEV WG
Nov 2020 - Present
Team Lead

RUSTLANG CTCFT WG
Sept 2021 - Oct 2022
Team Lead

CARLETON COMP SCI SOCIETY
Sept 2015 - May 2022
Various Positions

HASHICORP AMBASSADOR
Apr 2022 - Present
Community Leader

HACK ALL THE THINGS
Apr 2018 - Present
CTF Competition Lead Organizer

EXPERIENCE

VELOREN | META LEAD, CORE DEVELOPER

Jan 2019 - Present | Remote

- 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**
- Interviewed with **GamingOnLinux** about Veloren's development process

AWETZA | BACKEND DEVELOPER

Nov 2019 - Present | Remote

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

TIMSLE | BACKEND DEVELOPER

July 2018 - Apr 2020 | Ottawa, ON

- 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
- Created a command line tool that brings up a local development environment

PROJECTS

RUSTY CHRISTMAS TREE Dec 2021

- 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**

ACHIEVEMENTS

GITHUB CAMPUS EXPERT | FALL 2021 BATCH

- 1 of 80 accepted out of 8000+ applicants, and 1 of the 8 in Canada
- Spoke about Codespaces in Education on the mainstage at GitHub Universe 2022
- Co-lead of the 2022 Toronto GitHub Field Day
- Co-hosted a stream with GitHub Education during Universe 2021

PUBLICATIONS

[1] L. Doyle, F. Anderson, E. Choy, and D. Mould. Automated pebble mosaic stylization of images. *Computational Visual Media*, 5:33–44, 03 2019.

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
CUSEC '20	Cultivating A Healthy Open Source Community