Forest Anderson

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EDUCATION

CARLETON UNIVERSITY
BCS in Computer Science
Expected December 2021

LINKS

Github:// **AngelOnFira**
Gitlab:// **AngelOnFira**
LinkedIn:// **forest-anderson**

SKILLS

LANGUAGES:

C++ • C • C# • Python
JavaScript • Java • Rust

TECHNOLOGIES:

Docker • Burp Suite • Wireshark
AWS • Digital Ocean • Heroku
Jenkins • CircleCI • GitlabCI
AWS ECS • AWS EC2 • AWS VPC

FRAMEWORKS:

Django • Node.js • Flask

VOLUNTEER

Carleton Comp Sci Society
Sept 2015 - May 2019
- VP Academics
- Treasurer
- VP Social
- First Year Rep

Hack All The Things
Apr 2018 - Present
- Co-lead

Hack.carleton
Apr 2016 - Present
- President

Lame Jam
Nov 2017
- Co-lead

Carleton .devclub()
Jan 2019 - Present
- Co-lead

EXPERIENCE

TIMSLE | Backend Developer
July 2018 – Present | 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

SCHOLARPRO | Contract Developer
May 2019 | Ottawa, ON
- Created **Docker** images for the production web servers and database
- Deployed the server stack on **AWS Fargate** and set up daily database backups
- Set up **CircleCI** for continuous delivery, and **Sentry** for error tracking

GRAPHICS IMAGES AND GAMES LAB | Research Student
May 2016 – Aug 2016 | Ottawa, ON
- Created a pebble mosaic filter for digital photos
- Wrote the pipeline in **C++,** used **OpenCV** to manage and process the images
- Used simple linear iterative clustering to segment the image and phong lighting to display the pebbles

PROJECTS

RESUME TEMPLATER July 2019
- 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

COMPETITIONS

2019	5th	iHack 2019
2019	Top 50%	NSec CTF 2019
2019	5th	CS Games Security Challenge
2018	10th	Bsides Ottawa
2018	3rd	GeekSeek V CTF
2018	2nd	Hack All The Things 2.0
2018	2nd	OWASP CTF
2017	1st	Hack All The Things 1.0

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.