



Ind. Aoibhinn Nic Aoidh

she/they

BRIEF

Aoibhinn has over 10 years self-taught experience with **GNU/Linux** and **BSD Systems Administration**: **MAC** with **SELinux**, alongside general **server hardening**, **iptables**, **Docker/Vagrant**, **LVM/Btrfs**, **Apache/Nginx**, **Certbot** and **Let's Encrypt**, **MySQL/PostgreSQL**, **CentOS/Ubuntu**, **PAM**, **POSIX**, **Bash/Shell scripts**, **PKGBUILDS** for **Arch Linux**, and **Gentoo**, **ebuild** scripts, etc.

They have good experience with writing basic **POSIX** compliant shell and **Python** scripts, she has also has some limited experience with scripting in **Perl**. Recently she has been learning some programming fundamentals with **Golang**, and about design concepts like **S.O.L.I.D** for object-oriented programming, while also trying to familiarise herself with **Abstract Data Types** like **Stacks** and **Lists**

EXPERIENCE

Code Co-Op, Farset Labs – Volunteer

OCT 2018 – PRESENT

- She volunteered on an ad hoc basis for the Halloween Challenge: “Vulnerability is Scary”
- Worked with attendees, helping them to set up, and then learn about and exploit known web security vulnerabilities with **OWASP**’s insecure web application **Juice Shop**. Deploying with the popular **PaaS**, **Heroku**
- **SQLI**, **XSS**, **RCE**, and **improper input validation**

Northern Ireland Developer Conference, Riddel Hall – Speaker

JUNE 2019

- She delivered a presentation and live code demo to a group of ~50 people on the importance and benefits of using minimalist software; focusing on how it can help to improve productivity
- Live code demo was a reproduction of a hobby project she made during **PyCon Ireland, 2019**: <https://github.com/oibind/parrot.today>, doing everything from initially setting up **DNS** to code deployment all with **CLI** tools
- **HTML**, **CSS**, **JavaScript**, **Python**, **YAML**, **Serverless**, **AWS**, **Lambda**, **S3**, and **Git**

EDUCATION

Belfast Metropolitan College – *OCR Level 3 Cambridge Technical
Extended Diploma in IT with CyberSecuirty*

SEP 2018 – JUNE 2020

**OSI Model, TCP/UDP, IPv4/IPv6, network design, configuration & testing, IDS/IPS,
Wireshark, nmap, and IoT/IoE**

Grade: D*D*D*

REFERENCES

Dr. Phil Weir

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Dr. Andrew Bolster

ML Team Lead @ WhiteHat

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