

> SCOTT DONALDSON

Email scott-donaldson@outlook.com
Website <https://scrub-dev.com>
LinkedIn <https://linkedin.com/in/scrub-dev/>

SUMMARY

I am a passionate postgraduate student from Northumbria University. Currently I am just about to complete an MSc Advanced Computer Science degree after completing a BSc Computer Science degree and achieving a Distinction. I would consider myself a high achiever and always aiming for the best as evidenced by both the Rutherford and Vice Chancellors scholarships in 2019 and 2022 respectively, as well as creating and being re-elected for president of the Northumbria Computing Society which later received British Computer Society (BCS) recognition.

My main interests lie around software development and problem solving (GCHQ challenge books were always a favourite). I am a big advocate for proper STEM Education and accessibility due to my background with ASD and the schooling system.

EDUCATION

Sep 22 – current
(expected Feb 23)

MSc Advanced Computer Science • Predicted Distinction
Northumbria University
Thesis Title: QRCode: Gamification of QR Codes in Exergames

Sep 19 – Sept 22

BSc Computer Science • First with Honors
Northumbria University
Thesis Title: Project Zeus: Live moderation using Sentiment Analysis

Sept 17– Sept 19

Ext Diploma Games Development • Distinction* Distinction* Distinction*
Newcastle College

SCHOLARSHIPS

- Rutherford Scholarship • 2019
- Vice Chancellors Scholarship • 2022

SOCIETIES

- Computer Society President (22/23)
- Computer Society President (21/22)
- Pool Society Secretary (21/22)

RELEVANT EXPERIENCE

2021 – Current

Be Trans Community and Support • social media and technology consultant

- Managing a CRM
- Multi-platform Social Media management and engagement
- Graphics Design
- Safeguarding
- Implement new technology where necessary to keep the charity modernised and keep its members safe.

2014 – 2021

UK Scouting Org • Assistant Scout Leader

- Health and Safety
- Teamwork / Leadership
- Safeguarding

2014 – 2014

COBALT ICT • Work Placement

- Hardware Technical Support
- Software Technical Support
- Security Support (OSINT, OpSec, InfoSec)

SKILLS

- Typescript
- JavaScript
- Java
- C#
- PHP
- Python
- HTML
- CSS
- SQL
- REST
- OOP
- Functional
- Frontend
- Backend
- Unit Testing
- React
- Node
- Azure
- C# .NET
- Linux
- CLI
- Version Control
- CI/CD
- OSINT
- Office 365
- Health and Safety
- Problem-Solving
- Teamwork

NOTEABLE PROJECTS (Archive provided on website)

DVSC Currently in active use in the automotive industry in the North East. Using a mixture of React/JS, PHP, Java and SQL. A full stack solution was developed for a client consisting of a Java Desktop Application Admin panel and a web client panel. This also allowed for emails to be sent to all clients regarding their latest requirements.

QRCade Created as a platform for my masters thesis experiment, this project uses ExpressJS and React, both written in Typescript to create a full stack application for exercise gaming. Working around a REST API between the front end and backend, this project provides a way for gamifying QR Codes.

HOBBIES AND INTERESTS

- Volunteering with Be:TCS
- Volunteering with Scouts
- Competitive Programming
- Professional Esports Player
- Accessible Technology
- Equal Opportunities