

Fergus Beckerleg

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EXPERIENCE

Teacher

Nov 2022 – Present

Gateshead College

Gateshead

- While participating in a **DevOps** boot-camp, i was recruited to join the college team.
- I have delivered units on **Python** and **DevOps** concepts.

Program Officer

Aug. 2021 – July 2022

Altitude Foundation

Newcastle

- A North East charity, Aiming to teach disadvantaged young people (14-18) about coding and tech careers
- **Deliver** and **develop** regular teaching program for schools.
- **Plan, organise, and deliver** extracurricular tech events and visits.

Archaeological Officer

June 2019 – Jan 2020

Thames Valley Archaeological Services

Taunton

- Take part in archaeological excavations on a range of sites
- Working as part of a large team, excavate, record and document archaeological features

PROJECTS

MyQuizApp | *Java, Android, Spring, Rest-API, MySql, Docker*

Sept 2016 – Present

- Developed an **Android App** to ask a user a quiz for my A-level Computer Science project
- The app used **Java** and **XML Layouts**, with a local **MySql** Database
- After a long hiatus i have recently continued development of the app
- The app now features a **Spring** back-end, consisting of a **Rest-API** and **dockerised MySQL** database

Dispersal Research Placement | *R, GGPlot, Cellular Automata*

Jan 2020 – April 2020

- Developed a **cellular automata model**
- The model aimed to investigate dispersal and population growth of societies
- Implemented a logistic growth model
- Used the **GGPlot** package to create a range of visualisations.

ADDITIONAL PROJECTS

Summer Dig, Sisters Wiggold | *Surveying, GIS, Excavation*

- For a number of years i have attended an extracurricular summer excavation
- In a pair I created a **Digital Survey** of the $\approx 1800m^2$ site using professional survey equipment
- I was selected for the much smaller, invite only 2020 excavation

Grampus Excavation | *Excavation*

April 2019

- Applied and was selected for a **Competitive International Placement** in Bulgaria
- Spent a month excavating a \approx 4th C. Roman necropolis(cemetery)

EDUCATION

Gateshead College

DevOps Boot-camp

Oct. 2022 – Nov 2022

Bournemouth University

BSc Archaeology

Sept. 2017 – May 2020

TECHNICAL SKILLS

Languages: Java (Android), Python, R, XML, SQL (MySql)

Frameworks: Spring boot, Hibernate 2, JUnit

Developer Tools: Git, Docker, Amazon Web Services, VS Code, IntelliJ