SAMUEL **BROWN**

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https://github.com/samllbrown

EXPERIENCE

SEPTEMBER 2023 - PRESENT
ASSOCIATE SOFTWARE DEVELOPER, ADP
Actively involved in the development and implementation of testing protocols for tax policies, ensuring compliance with HMRC standards and accuracy. Responsible for creating comprehensive documentation detailing testing procedures, software modifications, and troubleshooting guides. Worked with a team to design and produce a web application to fill in and approve I-9 Forms (US Employment forms).

Most recently I have independently researched and developed a tool used to convert different types of tax policy data into JSON, previously a huge bottleneck and has been implemented globally. I'm also a large promoter and contributor of efforts to push older Java legacy projects into Kotlin. Finally, I have helped three new developers in training and getting to know our testing tools, and I am the designated buddy and contact point for a cohort of new graduates.

Technologies used: **Kotlin, Java, Spring boot, Bitbucket, Git, Cucumber/Groovy, Jira**

SEPTEMBER 2020 – AUGUST 2023
ANDROID APP DEVELOPER, WILDGOOSE EVENTS
Worked at Wildgoose since the beginning of university, working part time during term time and full time in the holidays. Initial responsibilities included working on small features and bugs within the application, leading on to producing larger features such as an augmented reality functionality within the application and working on optimizing functions which were slowing down the application. In the last year the role included handling internal support of the company and external questions and problems from clients, reviewing code from other developers, and performing design reviews.

Technologies used: **Kotlin, Java, Ruby on Rails, Git, GitHub, Android Studio, Zendesk**

2019 NOVEMBER – 2020 SEPTEMBER
CUSTOMER ASSISTANT, WOKINGHAM BOWLING ALLEY

2018 OCTOBER – 2019 OCTOBER
CUSTOMER ASSISTANT, WICKES

EDUCATION

SEPTEMBER 2020 - 2023
BSC COMPUTER SCIENCE 2:1, SWANSEA UNIVERSITY
For my final year project, developed an AI-based system to predict criminal activities, employing advanced machine learning algorithms and analyzing different predictive models, by using historical crime data collected by the UK police force.

Technologies used: **Spark ADA, Kotlin, Haskell, Python, SQL, PHP, Java, TensorFlow, C#**

2018 SEPTEMBER - JULY 2020

TRIPLE EXTENDED BTEC IN IT, UTC READING

At the end of completing my studies at UTC reading, I won the KS4 Award for best performance in computer science. This is given to the highest achiever over a mix of in-class performance and results. I finished UTC Reading with a D*DD, equivalent to AAA.

WORK EXPERIENCE

2019 (1 WEEK)

CISCO, READING/HEATHROW

During my work experience at Cisco, I spent time between two offices learning how video streaming worked and then working on a program which compared render quality of two video streams.

2018 (1 WEEK)

AIRBYTE, UTC READING

While I studied at UTC Reading, I worked with the CEO of Airbyte, developing an Android application that utilized Firebase to show a database of musicians.

2019 JULY (1 WEEK)

FOTSPOT, ENGDANSKOT

Other qualifications
- MTA: Introduction to Programming using Block-Based Languages - Certified 2019
- MTA: Mobility and Device Fundamentals - Certified 2019
- Microsoft Word (Office 2016) - Certified 2019
- Computing Fundamentals - Certiport - Certified 2019