Max Day

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LinkedIn | GitHub | Website

Junior software developer and MSc Computer Science student at the University of Bath. Experience in coding for various platforms in different programming languages, with several years of Android app development experience. Looking to gain commercial experience in software development, turning a passion into a career, and use transferable skills from an academic background in languages and communication.

Relevant experience

A larger, more detailed selection of my programming projects can be found on my website, which I built using ReactJS and material-ui.

Android Development

Experience creating applications for the Play Store, created using both Kotlin and Java. Primary skills/areas of knowledge include:

- Kotlin for Android
- Jetpack Compose
- MVVM architecture
- Google Firebase
- Retrofit for API calls
- Coroutines
- Java

LinguaSyne

Language-learning app written in Kotlin, combining an academic background with modern Android-development techniques. Developed entirely by me predominantly over a 4-month period, consciously using the latest industry developments such as Jetpack Compose and MVVM architecture. Full code available to view on GitHub.

- LinguaSyne source code on GitHub

University projects

Assignments completed using C, Python and Java, as well as SQL. Studied and written AI and machine-learning algorithms in Python. Examples of my uni-project code can be seen on my GitHub. The software engineering module provided education of and experience with Agile practices, including collaborative coding using GitHub branches, merges, etc.

Other projects

Experience with creating web pages using React.js., using Python for Project Euler problems, and C# for Unity. I have also used Kotlin and LibGDX to make a prototype puzzle game.

Other experience

Freelance translation and DTP
01/2021 - 10/2024
Freelance translator and desktop-publisher. Translation of highly varied content, and DTP of professional teaching resources. Skills gained/used include:

- Proficiency of multiple software packages (CAT tools, Adobe CC, MS Office etc.)
- Constant learning of new subject matters for accurate translation
- Self-motivation, time management and organisation

TransPerfect Translations
07/2021 - 08/2022
Internal linguist. Working with Italian, the role involved being part of small teams and working on specialist-facing technical texts. Skills gained/used include:

- Time management with projects requiring quick turnaround times
- Attention for detail and accuracy to find subtle errors in dense texts
- Deep subject knowledge for technical medical documents

Education

MSc Computer Science
University of Bath
10/2023 - present
Currently enrolled on a one-year conversion course to learn core computing skills to combine with my programming experience. Topics studied include agile development, OO programming, databases, artificial intelligence and foundations of computation (FSA, Turing machines, time/space complexity, etc.).

MA Translation and Professional Language Skills
University of Bath
10/2019 - 12/2020
Included completion of a 10,000-word translation as a dissertation project, and a 5,000-word translation using computer-aided translation software.

BA Modern Languages and European Studies (French and Italian)
University of Bath
10/2015 - 07/2019
Italian learnt *ab initio*, included year abroad. Skills gained/used include:

- Ability to acquire new skills and knowledge quickly and effectively
- Delivering presentations on complex topics to large groups in multiple languages
- Teamwork with team members from differing nationalities and areas of knowledge

A-levels and GCSEs
Maths, Computing and French. B grade achieved in all subjects. Completed at Hardenhuish School, Chippenham. 11 GCSEs with 1 A*, 5 A, and 4 B grades.

Other skills and interests

Fluency in 3 languages (English, French, Italian), and proficiency in 2 others (Japanese, German). Qualified editor and proofreader. Full, clean UK driving licence. Bassist, creative hobbyist (crochet, traditional art, 3D printing etc.), and keen parkrunner.