

Sam Stenner

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PROFILE

Developed software for over 7 years, starting in desktop applications, then progressing to mobile development (Android). I've worked both independently and contractually to bring many projects to life. These software solutions often involve a full-stack development lifecycle, including both front-end user interface design, as well as complex backend systems. As well as assuming many development roles, I'm also familiar with managing projects from a directional perspective. This involves organising people to achieve goals, deadlines and objectives.

Many of these projects require a resourceful and knowledgeable understanding of backend services in order to provide a fast, efficient and secure service. I'm familiar with social-media login process, the Firebase Live Database service, as well as the HTTPS REST protocol. These skills, coupled with my competence in front-end UI Android development have brought many of my projects to life.

WORK

07/2018 – Present

EXPERIENCE **Software Developer, Co-Founder, Univo Inc.**

- Lead designer and Android developer for Univo, a University affiliated mobile app for student-university communications, discounts provision and event organizing.
- Designed a modern, clean user interface, intuitive user experience and professional art/style of the app.
- Developed, alongside one other, the Android app in Java, providing a fast, functional and fluid experience. The app is well optimized and connects to a Firebase Live Database for real-time content delivery as well as user profiles and cloud functionality.
- Implemented lucrative new technologies such as artificial intelligence, shopfront-recognition, GPS tracking and QR Code scanning.
- Organized and led meetings with the University of Exeter regarding integration.

07/2018 – Present

Contracted Android Developer + Personal Projects, Misc

- As an independent developer I've provided implementations for multiple mobile applications.
- Developed the Android version of nLiven, an innovative content delivery system. Built an interactive framework for

providing exciting reading experiences on mobile. nLiven includes a variety of complex UI elements such as parallax scrolling, 3D models, dynamic images, inline video and audio, and more. The richness of this content is made available using a complex data parsing engine developed by myself for the purpose of this bespoke software.

- Developed a facial-unlocking app module for Android. InstantFaceUnlock allows people to look at their phone in a locked state, the phone then identifies the person securely and will automatically unlock the device. InstantFaceUnlock achieved over 74,000 downloads. The app required a deep understanding of the Android operating system, especially regarding security.

09/2017 – 07/2018

Sales Consultant, Carphone Warehouse

- Assessing customer needs to select the most suitable device.
- Technical support for system and app-related issues.
- Liaised with major industry partners and network providers to ensure customer satisfaction.
- Dialog with the general public improved my understanding of the requirements and preferences of apps from the average consumer, which also informed my own app-design skills.

04/2015 - 09/2017

Software Developer, UltraShock Gaming

- Designed and developed a video game that was published on the world's largest gaming platform, Steam.
- The full-stack nature of the role meant I took on every responsibility of the development. This includes designing the software architecture behind the game, programming the features, designing the levels and art style and optimizing game performance.
- Provided long-term support and updates to ensure the product retained a high quality profile
- I was the youngest person in history to publish on a digital gaming platform at 17 years old.

EDUCATION

2017-2021

MSci Computer Science Degree (Current Study, Year 3),
University of Exeter

2015 - 2017

A-Levels, Richard Huish College

A Grade: Maths, Computer Science

B Grade: Physics

Awards: Winner of the prestigious Richard Huish College Computer Science Award.

Misc: Founder/Leader of the Richard Huish College Humanist Society

2012 - 2015

GCSE, West Somerset College

A* Grade: Maths, Computer Science, Physics, English Language, IT

A Grade: Chemistry, Geography

B Grade: English Literature, Biology, German

ADDITIONAL SKILLS Database Operation: SQL, Firebase
Programming: Java, Kotlin, Dart (Flutter) C#, Python, VB.Net
Tools: Android Studio, Git, IntelliJ IDEA, Jupyter Notebook, MS Office
Design: Adobe Photoshop, XD, After Effects
Misc:
Completed Duke of Edinburgh Award for Bronze, Silver, Gold.
Achieved the rank of Corporal in the Somerset Army Cadets.
Rotary Club Photography Award Winner, South-West England 2015

REFERENCES References available on request