

Lewis Bell

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<https://lewiky.com>
<https://teamlimoncello.com>

Profile

Software Engineer with focus on full-stack **Python** development and mobile applications, specifically **Android** with **Kotlin** and cross-platform **Augmented Reality** experiences. **Award winning** app developer at the European Space Agency's 2017 Space App Camp

Experience

Software Engineering Intern, Shazam, London | June 2018 - September 2018
Summer Intern for Shazam working in Android, iOS, Backend and Data teams.

Software Consultant, Aardman Animations, The Grand Appeal | Sept 2017 - June 2018
As part of **Software Engineering** unit in my degree, a team of 4 others and I worked in partnership with Aardman Animations and The Grand Appeal to develop large amounts of the mobile app for the 2018 Gromit Unleashed 2 Arts Trail in Bristol. Making use of **Android** and **iOS** native **Computer Vision** libraries we developed a **cross-platform** face detection and **Augmented Reality** solution in **Unity**. Our solution will be sold on the Unity Asset Store.

Backend Engineer, Team Limoncello, Rome | Sept 2017

As a member of the winning Team Limoncello, I was chosen from thousands of applicants to be one of 26 developers attending the **European Space Agency's** 2017 Space App Camp in Frascati, Rome. Working with 3 others, I was the **Backend Engineer** for the winning app, AiR; an **Augmented Reality** app for **iOS** that uses **Earth Observation** data to enhance in-flight entertainment for travellers. The backend was built in **Python** using **Celery** and **RabbitMQ** to perform massively **distributed processing** of large amounts of image data.

Full Stack Engineer, Zenotech Ltd, Bristol | June 2017 - March 2018

Continuing on from summer internship, taking longer-term position as a full stack engineer, working with Amazon **AWS** technologies. Large focus on **High Performance Computing** through Cloud Systems using **Django**. My work on using Amazon Simple Workflow to increase productivity of engineers working in aerospace design scenarios was presented at the Airbus DiPaRT 2017 conference.

Education

University of Bristol – MEng Computer Science | 2016 -2020

77% Average in Second Year

74% Average in First Year

University of California Santa Cruz- Study Abroad Year | 2018 - 2019

Monmouth Comprehensive School - 2009 - 2016

ALevels: Mathematics (A*), Further Mathematics (A), Physics (B), Welsh Baccalaureate (A*)

Skills/Technologies

Python, Java, Kotlin, Swift, Haskell, C#, C, Javascript, Android, iOS, Unity, Data Science, Machine Learning, Mobile Development, Web Development, Distributed Systems, Amazon AWS, SQL, Django, React, Bootstrap, Frontend, Computer Vision, Augmented Reality, Backend Full Stack, Database, Earth Observation, Mathematics, High Performance Computing