



# Kessia John

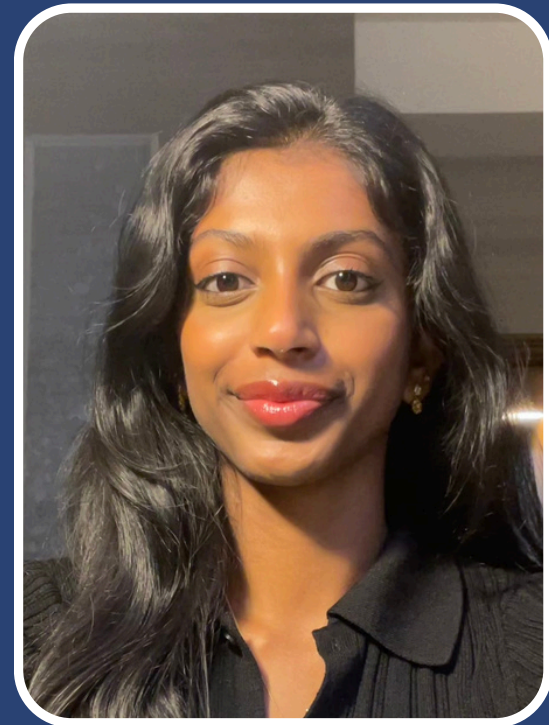
## About me

I am a **second-year undergraduate** at the **University of Cambridge** studying General Engineering, with plans to specialise in Electronic Engineering next year. I am a UKESF Scholar with Siemens EDA and have prior experience at Renesas Electronics, where I worked as a hardware design engineer intern.

## My inspiration

When I was in Year 12, I attended an Apple “Insight into Electronics” event where we explored chip design and were shown a full semiconductor wafer covered in individual chips. **It was genuinely one of the coolest things I had ever seen.**

Learning about how much detail goes into designing a single piece of silicon and how it ends up inside almost every electronic device we use day to day made me realise I wanted to study Electronic Engineering.



## My strengths

I’m always keen to learn new things and try different approaches, whether that’s picking up a new technical skill or exploring unfamiliar areas of engineering.

I especially enjoy tackling problems that don’t have a clear or obvious solution.

## Fascinating tech

I think it’s interesting to see how wearable devices have become part of everyday life over the past 15 years. Seeing electronics shrink to fit into something people can wear all day, while still delivering meaningful health and activity insights, feels like a real achievement for the field. What started as simple fitness tracking has grown into devices that can monitor heart rhythms, detect falls, and even alert emergency services, **helping to save lives and have a real impact on people.**

## What excites me about the future

I’m excited by how electronics will continue to shape areas such as healthcare, sustainability, and computing over the coming years as devices become more intelligent and interconnected.

Being part of **an industry that sits at the centre of so much innovation and progress** really motivates my personal journey.

## My aspirations

I want to continue growing my skillset in hardware design through hands-on experience in industry, as well as by making use of the wide range of online resources available to learn and experiment independently. I’m excited to keep developing both technically and professionally, while **working on meaningful projects that have real-world impact.**



Don’t worry if you don’t understand everything straight away, electronics really is a subject that rewards persistence and curiosity. If you focus on getting the basics down and try things out hands-on where you can, slowly but surely things will start to make sense.