“I’m constantly applying the analytical and problem solving skills I learned through my Maths degree in my occupation as a software engineer in investment banking. I now work in a team of developers helping to build out a risk management platform which processes billions of dollars in foreign exchange trading daily. Reading Maths at Cambridge provided me with the opportunity to thrive in a fast paced environment, constantly being presented with new and fresh challenges and always with something new to learn around every corner - which is exactly the kind of environment I now work in every day.”  
(Dana Ma, Newnham College, now Technology Analyst at J.P. Morgan)

“I now work on a research team at Google, developing mathematical models for systems that people can interact with using natural language. Studying maths at Cambridge trained me in finding mathematical solutions that are not only correct but also elegant. This proved a strong basis for then going on to complete a PhD in the Cambridge Engineering department and is useful every day at my work.”  
(Matt Henderson, Churchill College, now working at Google)

“After reading Maths at Cambridge I worked for a year as a tutor at the African Institute for Mathematical Sciences in South Africa. My students came from underprivileged backgrounds across Africa, and so I found teaching a challenging but fulfilling experience. After four years of study it was rewarding to use my maths degree to help others. I’m now doing a PhD in general relativity at Edinburgh University. All up, my maths degree at Cambridge was inspiring and demanding, but most importantly academically rewarding and opened up opportunities I never knew existed. I am confident that these benefits will continue.”  
(Zoe Wyatt, Newnham College, now PhD student at Edinburgh University)

“Maths is a great subject to study because it can be applied to almost anything. I love skiing and climbing and I’ve combined that with my love of maths by studying avalanches and other mountain hazards such as rock fall and debris flows. I’ve travelled all over the world studying these flows and also getting lots of skiing and climbing in. Recently observations of Mars, Vesta and other planetary bodies have shown similar flows all over the solar system and I’ve been developing mathematical models of these phenomena. A degree and PhD in maths gave me the skills to tackle all kinds of scientific problems and I think that as well as being fascinating in its own right it is the most versatile subject.”  
(Jim McElwaine, Clare College, now Professor of Geohazards, Dept of Earth Sciences, Durham University)
“I have always enjoyed solving maths problems and finding elegant solutions for them as far back as I could remember. At Cambridge I particularly enjoyed my statistics and operations research courses which demonstrated application of mathematics to real world problems. After my BA, I pursued a Masters and PhD in Industrial and Systems Engineering at Georgia Tech. It became clear to me that I wanted to apply mathematical tools to tackle business problems, and make an impact. I have worked in several industry positions that require analytical rigour and logical thinking in companies such as Hewlett-Packard, and Apple. Studying maths has strengthened my logic, reasoning, and critical thinking skills which makes me successful in my current position. Today, most companies are data-driven and I feel great that my maths skills are helping make better processes and products.”

(Divya Mangotra, Lucy Cavendish College, now Project Manager at Apple)

“If you visit Tesco all the food you see was ordered using maths I learnt at Cambridge. Ten years after graduating I lead a team which has cut food waste by £100m a year by using statistics to understand how weather impacts sales, how to maximise availability for the customer while minimising waste and how to automatically spot and correct errors in the stock record. I studied maths because I loved it, hoping someone would employ me afterwards, but it turns out everyone needs mathematicians.”

(Neil Roques, Emmanuel College, now Programme Manager at Tesco)

“After graduated from Newnham College, I am now working as an actuarial consultant and studying towards the actuarial professional qualification. At work, Mathematics comes everywhere in modelling and calculations for client deliverables. A Maths degree has also allowed me to obtain good problem solving skills which greatly help my effectiveness and efficiency working as a consultant.”

(Ruby Zhao, Newnham College, now Actuarial Associate at PwC)

“After reading Maths at Cambridge, I went straight into the software industry, working on high-performance telecommunications equipment. I get to do challenging work with other like-minded people (many of whom also read Maths at Cambridge), and it’s underpinned by the technical skills acquired from my maths degree.”

(Alex Chan, Queens’ College, now Software Engineer at Metaswitch)

“I graduated from Cambridge in 2014 and, after taking some time out to volunteer and travel, I started my current job as a management consultant. Although the content of the work is different, I use the problem solving skills I learnt as a Maths undergraduate every single day.”

(Emily Gittins, Magdalene College, now Associate at the Boston Consulting Group)