

SUNDERLAND DIGITAL CAREERS

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WELCOME

Welcome to our March issue of the Sunderland Digital Careers Newsletter.

March is a busy month as we are celebrating both National Careers Week and International Women's Day.

In this issue, we will also look at the top 5 skills needed in STEM (I bet you are surprised with these) and tell you about Sunderland becoming a Smart City and what this means.

If you have any questions about the newsletter, or questions or topics that we aren't covering, please get in touch:
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INTERNATIONAL WOMEN'S DAY

On 8th March, we celebrated International Women's Day. It is an amazing opportunity to celebrate the achievements of women but also highlight the barriers and stereotypes that still remain in industry today. This year's theme is #BreakTheBias - campaigners are working towards breaking down those stereotypes to make the world equal for everyone.

In 2016, 24% of the STEM workforce were women, which has increased to 28% in 2020. Whilst it's moving in the right direction, industries are continuing to want to recruit more women. STEM is an area that doesn't discriminate - so girls, go out there and grab a great career in STEM!



TOP 5 SKILLS IN STEM

The top 5 skills in STEM are, as it may surprise you, not directly related to STEM subjects! The top skills are skills that you develop from being in school and in everyday life.

PROBLEM SOLVING

There will be lots of issues and problems you will need to solve in a STEM career, so thinking logically and finding a solution is an important skill to have.

COLLABORATION

Collaboration is an important skill to have as you may be given a project or problem to solve as a team. Listening to others and working together is essential.

COMMUNICATION

In STEM you will need to show your ideas and theories to different audiences so verbal and written communication are both key skills to have.

ADAPTABILITY

Things are changing all the time in STEM, so your skill to adapt to these changes and being flexible where necessary is vital.

CREATIVITY

You may associate this skill with art, but creativity is a big part of STEM. The ability to think outside the box to find solutions to problems is key.

SUNDERLAND SMART CITY

Sunderland is on its way to become a 'Smart City'. The definition of a 'Smart City' is: a well-connected, digitally-enabled place with world-class infrastructure that supports inclusive services for the city and those who live there. This includes the use of 5G and the Internet of Things (IoT).

Making Sunderland a Smart City will give everyone access to great education, great health and great transport. Many of the jobs of the future haven't even been invented yet - people who are skilled in IT and all things digital are key to these future jobs.

Becoming a Smart City is an amazing and exciting opportunity for Sunderland, and you could help make it happen! If you would like to find out more, click the link below.



SUNDERLAND
oursmartcity



NATIONAL CAREERS WEEK

National Careers Week was 7th - 11th March. To find out more about different careers in STEM and Digital, look at the videos on our YouTube channel.

We have videos that highlight various jobs and routes into careers within the region.

Check them out using the link below.



BUSINESSES... SAY HELLO!

There are so many amazing STEM businesses in the region doing incredible things. There are simply too many to highlight in just one newsletter, so we've picked a few below!

LIEBHERR

Based on the riverside in Sunderland, make offshore and ship cranes - you can't miss them!

COATSINK

Coatsink are a game developer and publisher, games include Cake Bash and Jurassic World: Aftermath.

KOMATSU

Using a huge production line, Komatsu make excavators at their factory in Chester-Le-Street.

HYPERDRIVE

Lithium-ion battery design, development and manufacture with current capacity for up to 30,000 units per year.

For more information on anything covered in this newsletter, please contact:
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