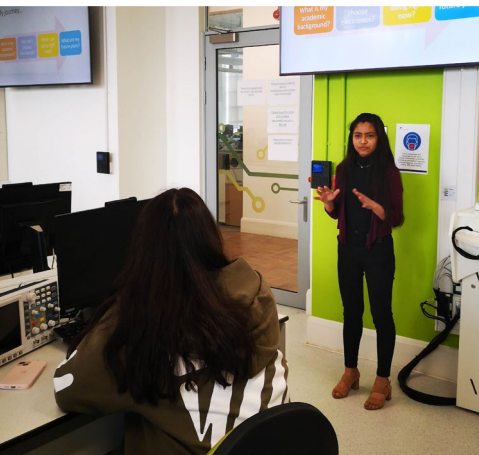




**UK Electronics
Skills Foundation**

UKESF Scholarship Scheme

Our industry-focused, award-winning UKESF Scholarship Scheme works collaboratively with employers and universities to tackle the skills shortage in Electronics.





Reduce uncertainty in your graduate recruitment by connecting with bright, motivated Electronics undergraduates, and supporting them to develop their skills and gain valuable work experience.



PRINCESS ROYAL
TRAINING AWARD
2022

For over 10 years, the UKESF Scholarship Scheme has been working with leading Electronics and Technology employers to provide opportunities for undergraduate students to gain relevant experience and develop their ‘work-ready’ skills.

The UKESF only accepts applications from the most capable undergraduates, studying for accredited degrees at one of our 29 partner universities and on courses with a significant Electronics element.

Successful Scholars are supported by an employer throughout their degree. They will participate in work experience (from 8 weeks to 15 months) at their employer and they will receive an annual bursary, as well as benefit from additional wrap-around support from the UKESF.

In a 2024 survey, 100% of employers responded that they would recommend the UKESF Scholarship Scheme. To date, we have worked with more than 90 employers to support over 800 undergraduates.

The Scheme has received a prestigious Princess Royal Training Award.



“This is the most exciting initiative we’ve seen to help us nurture the skills that will secure an even brighter future for our business and the UK economy.”

Arm

Why do companies participate in the Scholarship Scheme?

An effective pipeline for graduate recruitment

By engaging with the most capable undergraduates, employers are able to build early relationships and develop the skills of undergraduates ahead of graduate employment.

60% of Scholars who have finished their studies are working in an organisation that offers UKESF Scholarships

The UKESF has an established and refined process, reducing your administrative burden

We manage the application process and screening checks to only send you the most appropriate candidates to review, based on your requirements. We only accept applications that meet our eligibility criteria, which includes ensuring applicants have overall averages of above 60%.

Additional support to develop skills from the UKESF

In addition to the work experience that you provide a Scholar, the UKESF provides wrap around support. We curate a Scholarship community, helping undergraduates to build their network, as well as provide opportunities for skills development and outreach.

100% of Scholars who attended our Scholar Workshop 2022 rated it 'good' or 'excellent'.

A commitment to improving equality, diversity and inclusion in Electronics

We have carefully considered the support our Scholarship provides to ensure that it helps to address the gender imbalance in Electronics and breaks down barriers for those from diverse backgrounds.

Our work has received a **Special Commendation for Diversity, Inclusion and Equity from the Princess Royal Training Award** and a **Women Leaders in Electronics Diversity Award**.

Promoted to high-achieving undergraduates in 29 leading universities nationwide

Through working with academics, the very best students are encouraged to apply. It is an opportunity for both large and small organisations to raise awareness of their opportunities with the most suitable candidates. Students from EEE and related degrees are encouraged to apply.

Increased industry retention

Through early engagement and supporting students' development beyond their studies, they are more likely to be retained in the sector and be prepared for the workplace.

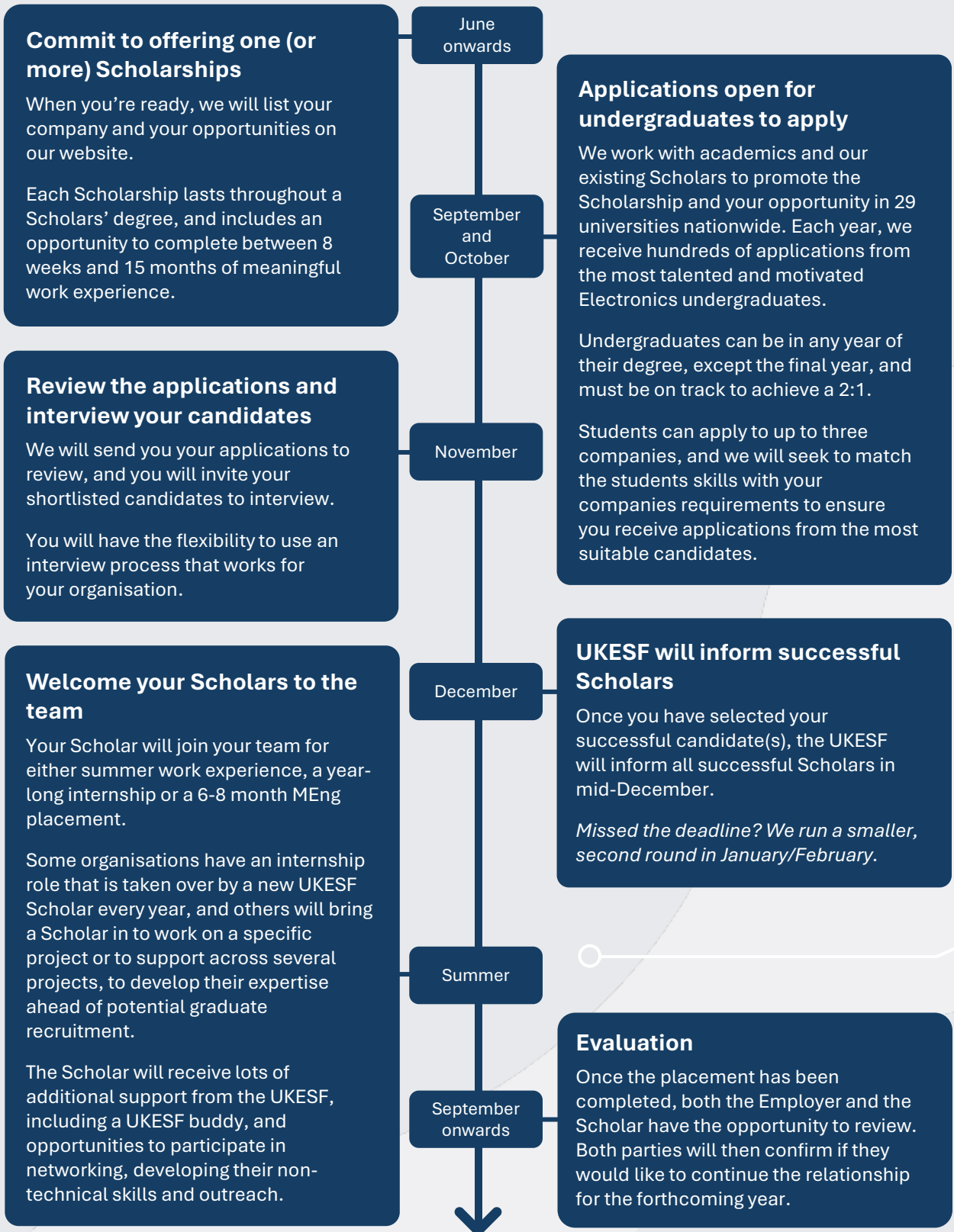
91% of our Scholars who have completed their studies go on to work in the Electronics and Technology sector.



Cost effective recruitment

Our fees are benchmarked to ensure they are significantly lower than standard recruitment fees, and our charitable status means that we don't make a profit. Any surplus contributes towards our outreach and engagement work to increase the number of young people pursuing Electronics.

How the Scheme works



Professional Development

The Workshop is a vital part of the UKESF programme, to help develop scholars' work-ready skills.

The four-day residential course is held annually in September, with professional and personal development activities and extensive opportunities to network with peers and speakers from the Electronics sector. Sessions explore ethics, communication skills, negotiation, sustainability, entrepreneurship, leadership, professional registration, and much more.

Each scholar attends once, immediately before the beginning of their final year.



*"Fantastic week!
Surpassed all
expectations and it has
changed the way I think
about my career and the
way I interact with the
people around me."*

UKESF Scholar



"Being awarded the 'Scholar of the Year' feels like my hard work at university has been recognised. It has acted as a confidence booster for me that I am on the right track and am doing the right things. I will continue to work and do my part in making space for women in the Electronics industry, the work we do solely relies on our passion and skills, not our gender."

Nikisha Chetty, Scholar of the Year 2022

Scholar of the Year

Each year, a Scholar is awarded 'Scholar of the Year' at the annual TechWorks Awards and Gala Dinner.

The award recognises those who have:

- made a significant contribution to their sponsoring employer through their work placement;
- achieved excellent results, so far, on their degree course at university;
- actively promoted Electronics to young people by participating in STEM outreach activities

Our University Partners



“The UKESF raises the profile of Electronic engineering and provides the best students from the best universities to companies looking for interns. We have had some excellent students from the UKESF scheme.”

Renesas Electronics

Investment

Your fee is an investment in the long-term health and success of the UK Electronics systems community.

For each scholarship awarded in the academic year 2024/25, the sponsoring company pays:

To the candidates

- Interview expenses to their selected scholarship candidates.

To the Scholar(s)

- A bursary of £1,000 for each year of the scholarship. The UKESF manages the scholars' bursaries on behalf of the sponsoring companies.
- At least one paid work placement of between 8 weeks and 15 months duration per year until graduation; the agreed minimum remuneration for work placements is £385 per week

To the UKESF

- Management fees of £995 in the first year of the scholarship and £295 p.a. for subsequent years. Discounts are available for sponsoring companies who offer more than five Scholarships.
- A course fee to the UKESF of £810 for the student to attend a Scholar Workshop. They will attend once, before they begin their final year of study.
- If you hire a scholar at the end of their scholarship, a recruitment fee of £1,000 is payable to UKESF.

Case Study: Oana Lazar

Oana graduated with a Master's in Electronic Engineering from the University of Southampton, and was awarded a Scholarship by UltraSoC, who were acquired by Siemens EDA in 2020, and which became a part of the Tessent Silicon Lifecycle Solutions division of Siemens EDA. After successful work placements as part of her Scholarship, she was offered a permanent, graduate position as an Embedded Software Engineer.

What appeals to you about Electronics?

Electronics is incredibly exciting, shaping the future through innovation. It's constantly evolving, offering infinite opportunities at university and beyond. There's never an end to what I can learn or how far I can branch out.

My placement and its value

I wanted to learn what makes companies work, from the engineers, marketing, and even executives. A start-up, especially with a blend of hardware and software, seemed the perfect fit. I was also amazed by the spectrum of industry players working with the company. When I first met the team during my interview, I knew I'd made the right choice. They made me feel welcome, and I was already laughing with them while learning so much!

My placements were fantastic, the team make me feel truly valued. I developed customer demos for a new method of configuring Embedded Analytics modules. Combining high-level languages such as Python with hardware-level understanding of FPGAs was challenging and exciting, as I was 'learning by doing'. Following this, I started a 12-month placement as Software Engineer, working on Secure-CAV. This was an innovative project investigating and mitigating cybersecurity threats to Connected and Autonomous Vehicles. Although I'm a Software Engineer, I was developing my Electronics skills, using C on SoCs to interact with Embedded Analytics modules through FPGAs.

Besides Electronics, my placements taught me that it's people who really make a company special; 'company culture' is far more than a buzzword!



"The UKESF Scholarship Scheme has quite literally changed my entire life. It is therefore an absolute honour and a true pleasure to receive the UKESF Scholar of the Year Award 2021"



Oana has received a number of accolades during her time as a Scholar, and since her graduation, these include:

- UKESF Scholar of the Year 2021, TechWorks Awards
- Finalist, Top 50 Women in Engineering 2022: Inventors and Innovators
- Winner, Electronics Weekly BrightSpark Award 2022
- Finalist, STEM Pioneer Rising Star, Women Leaders in Electronics Awards 2024



Watch Oana talk about her experience here

Employer Testimonials

Our 2024 Employers Survey found:

- 92% of employers think that the quality of UKESF scholarship applicants compared to other internship applicants is good or excellent.
- 80% agree that when compared with other methods of recruiting graduates, the UKESF Scholarship Scheme represents value for money.
- 100% of employers would recommend the UKESF Scholarship Scheme to another company.



“We have seen many excellent students through the UKESF Scholarship Scheme, which is why we continue to support the UKESF programme and we look forward to our next cohort of scholars.”



“I am really pleased with the hiring service offered by UKESF. You are always on top of the process, monitoring and reminding colleagues about next steps. Highly appreciated.”



“We are really pleased to be a part of the UKESF and it is a great service. If you haven’t got a lot of experience in attracting graduates, UKESF should be the first place you go.”



“The UKESF reaches out to everyone on our behalf and broadens access to universities. It attracts the best students, which is what we need, and past scholars are great to attract new students.”

arm

AMD

AWE

BAE SYSTEMS

cadence®

CATERPILLAR®

codasip®

CHESS
DYNAMICS
A COHORT PLC COMPANY

Collins Aerospace

CATAPULT
Compound Semiconductor Applications

EMBECOSM®

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RENESAS
BIG IDEAS FOR EVERY SPACE

RENISHAW
apply innovation™

SIEMENS

UKRI
Science and Technology Facilities Council

About the UKESF

We are the voice for skills in the Electronics Industry. Through engagement with Schools, Universities and Industry, it is our mission to encourage more young people to study Electronics and to pursue careers in the sector.

The UK has a long heritage of technological innovation and has a world-class Electronics sector. It has the potential to grow and innovate to provide solutions to some of the biggest challenges facing society today. However, the demand for capable, employable Electronics Engineers and designers is currently outstripping supply.

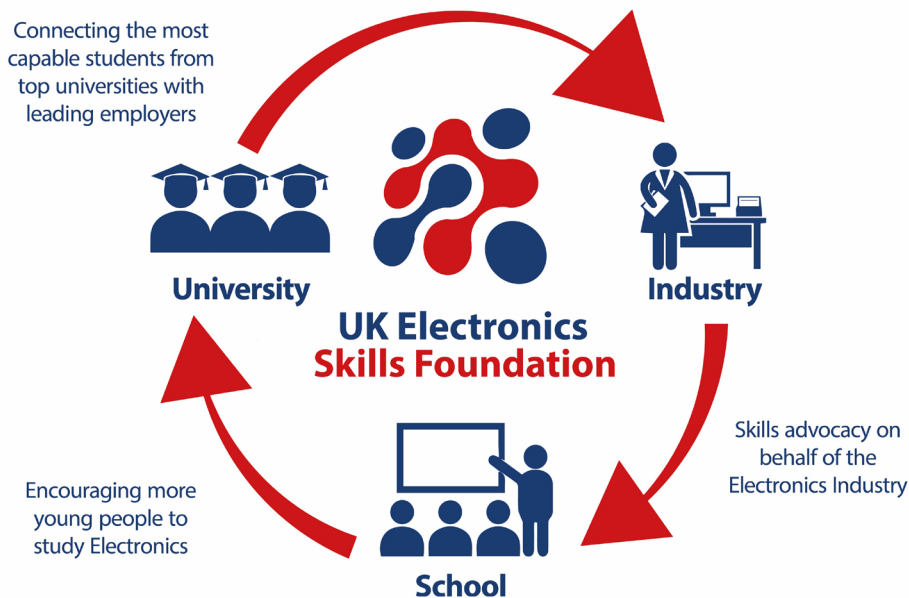
The UKESF works tirelessly to ensure that more schoolchildren can learn about Electronics, in an engaging way, and be aware of the opportunities available. We have a number of programmes and initiatives that help aspiring engineers to develop their interest through to university study, and support that prepares undergraduates for the workplace.

We are an independent, UK based charity working to address the skills gap in Electronics through raising awareness, promoting interest in young people, supporting the development of those who choose electronics, and building relationships to ensure a thriving sector.

This can only be achieved by working collaboratively, and to date, we have worked with more than 90 employers from across the industry, 29 of the UK's leading universities, and over 800 schools.

For almost 15 years, we have delivered projects that have proven to spark young peoples imagination, improve their experiences of Electronics, and tackle the skills shortage. Now it's time to scale up our impact."

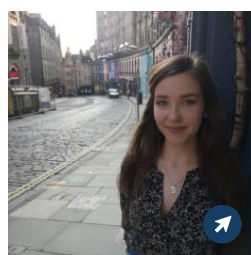
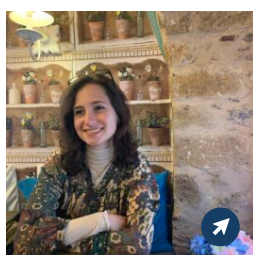
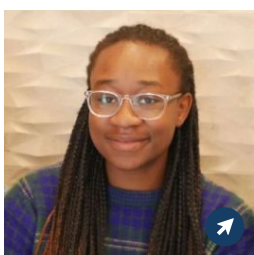
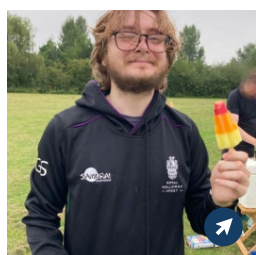
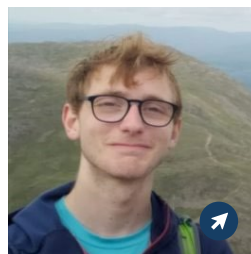
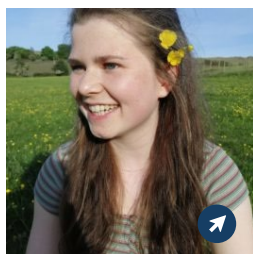
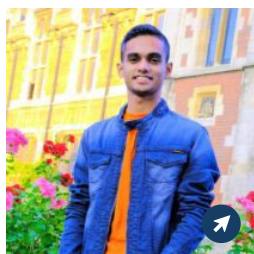
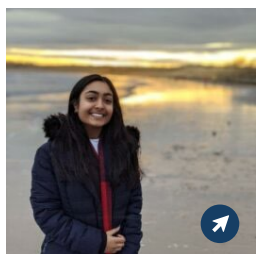
Stewart Edmondson, CEO, UK Electronics Skills Foundation



Find out more, and get involved:

- ukesf.org/scholarship-scheme-employers
- info@ukesf.org
- 01285 862381

Meet our Scholars:



Diversity, Equality and Inclusion

In 2023/24, our Scholars are:

- 25% Female
- 47% Ethnic minorities
- 66% State educated
- 21% First in family to go to university

