Role Profile: Embedded Software Engineer & STEM Ambassador

About the company

Amiosec is an exciting and growing UK technology company with innovation, agility and state of the art technology at its core. We work in partnerships with UK government customers and commercial providers to deliver research, technology and products in the communications security sector.

Our Vision

We are making significant investments to grow our engineering team and a core part of our strategy is to encourage students of all ages to participate in STEM subjects. Currently, we are a keen supporter of STEM outreach initiatives (such as NCSC's CyberFirst programme), through which we are regularly running classroom-based workshops, attending STEM fairs, and hosting student placements. We aim to grow our STEM participation to include a wider range of events whilst also engaging with key University departments to build a pipeline of talent with our Graduate Scheme.

The Role

We are looking for an engineer that would enjoy dedicating a portion of their time to being a STEM ambassador whilst playing an active role within our engineering team. Initially, we envisage that this split will be 50:50 but this could change depending on business growth. This role profile specifically focuses on the STEM Ambassador aspect; please refer to our Embedded Software Engineers (All Grades) profile on our website for details of the engineering aspects of the role.

We are looking for someone who is energetic and full of creative ideas for how we can: Provide pre-employment opportunities for children in secondary education (12-18) through to University students; recruit new and recent graduates; and champion diversity within our engineering organisation.

A large part of this role is to nurture relationships both externally – with Universities and NCSC's CyberFirst programme – and internally – with our HR and Marketing teams. These relationships will help you to organise some fun and engaging events (such as recruitment campaigns and STEM events) that will allow you to interact with lots of budding engineers, placement students, and recent graduates to shape their future.

Below is a little more information on the types of activity that could be involved in the STEM Ambassador role. If you feel passionate about STEM, are keen to help individuals grow and achieve their potential and have some skills aligned to our Embedded Software Engineer role profile (irrespective of grade) then you are encouraged to apply.

STEM Outreach

We believe in providing younger students with opportunities that demonstrate how fun and rewarding STEM subjects can be. We are looking for a creative person to design engaging workshops that we can take into both the classroom and STEM fairs. Ideally, you will:

- Be passionate about STEM outreach.
- Be great at engaging with our Engineering Community to create innovate STEM workshops.
- Enjoy running STEM events at schools or fairs.

University Relations

We want to actively build strategic relationships with Universities; both to attract the next generation of talent and to engage with their researchers. We are looking for someone that can manage these relationships by helping to organise: Attendance at departmental careers fairs, project students, and sponsorship opportunities. Ideally, you will:

- Become a primary point-of-contact for all University related activities.
- Generate, advertise, and recruit for undergraduate projects, summer placements and sponsorship opportunities.
- Take a lead organising our presence at careers fairs.

Graduate Scheme

Our Graduate Scheme aims to help kickstart the careers of new graduates by providing them with a range of development opportunities to develop both their technical and non-technical skills. We are looking for someone to take ownership of the scheme to:

- Become a primary point-of-contact for graduate engineers.
- Lead recruitment events, advertise opportunities, arrange interviews, and ensure the hiring process runs smoothly.
- Ensure that the scheme runs smoothly, working with the engineering community to provide fulfilling rotations for members of the scheme.
- Organise events such as careers fairs, assessment centres, and social events.
- Continually improve all aspects of the scheme.

However, please note that due to the nature of our work, all candidates will be required to obtain and maintain an appropriate UK security clearance.