



**TRENT**

COLLEGE

DAY & BOARDING  
FOR BOYS & GIRLS 11-18 YEARS

## **TEACHER OF COMPUTER SCIENCE (from September 2022 or January 2023)**

### **THE SCHOOL**

Trent College is a happy and flourishing HMC co-educational, independent day and boarding school. There are nearly 800 pupils in the Senior School, which includes over 120 boarders. There are over 400 pupils in The Elms, the Junior School to Trent College, which recruits pupils aged 0–11 and includes a Nursery.

The campus is located in beautiful grounds and is conveniently located on the border of Nottinghamshire and Derbyshire. Founded in 1866, Trent is a school with a rich heritage and traditions spanning over 150 years. Though we value our unique and distinguished past, we have our eyes firmly set on the demands being made on young people in the 21st century and a spirit of energy and innovation shapes our school life.

Academic study is important and we expect all our students to achieve high standards. At Trent we are committed to offering a broadly-based education, which celebrates the academic, creative, physical, emotional and spiritual, and which allows our young people to discover all of their strengths and make the most of their talents. Our aspiration is for each individual here to achieve their absolute personal best, in whatever they do.

At Trent we offer GCSEs, iGCSEs and A Levels. Students can also opt into the Extended Project Qualification in the sixth form. We further stretch students preparing for Oxbridge and other highly selective universities through our High Achievers Programme. The majority of our students go on to university, with an impressive quality and range of courses undertaken. Many of our students opt for the traditional professional routes into medicine, law, the City and public service, but significant numbers increasingly choose more creative and entrepreneurial paths.

As we would hope from any school that sees its virtue in breadth and diversity, our students are as varied and unique as the multifarious interests they pursue. The quality, range and depth of activity at Trent is remarkable and the size and scope of the school allows all pupils to find their niche.

Trent has a strong sporting tradition and an enviable record of sporting achievement, with a national reputation in hockey, cricket, tennis and rugby. Many of our students are regularly selected for county, regional and national honours. There is an outstanding breadth and variety of music and drama at Trent, from the formal disciplines of choral and classical ensemble to the informal jazz, rock and swing bands, and drama productions.

## **THE COMPUTER SCIENCE DEPARTMENT**

There are two full-time teachers of Computer Science with a strong background of knowledge. The Head of Computer Science has overall control and management of the department, though input from all team members is strongly encouraged through a collaborative approach.

The department has two large classrooms, each equipped with a full class set of computers linked to the school network. The rooms are fully resourced with whiteboards, projection equipment and various technical tools to assist in the teaching of Computer Science.

Computer Science is a core subject in Year 7, 8 and 9 and there are six teaching groups in each cohort. From Year 10, Computer Science becomes an optional subject and there is always a very capable cross-section of pupils who elect to study the subject at GCSE and beyond. We follow the AQA specifications at both GCSE and A Level.

Pupils are encouraged to develop and showcase their skills through our Coding and Cyber Challenge enrichment clubs. The department also endeavours to take students on stimulating external trips and this term we will be inviting a select group of pupils from various year groups to join us in a visit to the National Videogame Museum.

### **The Person**

- We are looking for a teacher who is an excellent classroom practitioner with an ability to innovate and use their own initiative to improve outcomes for young people. They will have an enthusiasm for science and mathematics and the capacity to inspire young people into technical careers. The individual should be able to encourage and maintain positive behaviour for learning in their lessons and possess the capacity to work as part of a team.
- The successful candidate will have a good honours degree in Computer Science or a related Maths/Physics/Engineering discipline and be committed to ongoing personal development and training. Specifically, they will be committed to learn Python and any other programming language or associated library as and when required.
- The successful candidate will teach across the age range from 11 though to 18.

### **PASTORAL CARE**

- In addition to the academic role, every teacher is encouraged to play a full role in the life of the School outside the classroom.
- Teachers are expected to attend and support regular school events, including but not limited to assemblies, drama productions, religious services, concerts and speech days.

## **ADDITIONAL DUTIES**

- This is not an exhaustive job description and may be subject to change according to the needs and development of the role. It is expected that the post holder may undertake such other duties as may be reasonably be requested.
- A Trent teacher is dedicated to educating the “whole child”, in accordance with the aims of the school.
- They are aware of the individual needs of each student and strives to help each student develop his or her full potential.
- They work with students both inside and outside the classroom and are committed to active involvement in the total school curriculum.
- They co-operate with colleagues to ensure a fully integrated curriculum and regularly participates in activities directed toward their own professional development.
- A Trent College teacher is always available to students, colleagues and administration during the entire school day. In the time other than that scheduled for lunch, a teacher may be assigned activities such as supervision, tutorial, class coverage, etc. by the Head/ Deputy Head.

## **QUALIFICATIONS**

- Degree or equivalent qualification
- PGCE or equivalent qualification
- Evidence of continued professional development