



## HAMPTON SCHOOL

### JOB DESCRIPTION

#### TEACHER OF COMPUTER SCIENCE

**JOB TITLE:** Teacher of Computer Science – full-time position required from April 2019 or September 2019

**REPORTING LINE:** Head of Computer Science

#### ABOUT HAMPTON SCHOOL

Hampton is one of the country's foremost independent schools for boys and for nearly 460 years, has been helping boys to fulfil their potential and realise their aspirations. We are delighted that our examination results and university entrance record consistently rank among the very best achieved anywhere.

Hampton is a lively, friendly and caring community, where innovative teaching is underpinned by strong shared values and complemented by truly outstanding pastoral care. We aspire to enable our boys not only to make sense of the world but also to want to go out and improve it.

The School's examination results and university entrance record consistently rank among the best achieved anywhere, while our extensive range of co-curricular activities provides each boy with the opportunity to shine and the means to explore new interests. Nearly all Hampton leavers go on to undergraduate courses at Russell Group or equivalent universities. 20-30 boys are offered places at Oxford and Cambridge each year; an increasing number go on to study at US Ivy League universities, often on academic and sporting scholarships. Our alumni network is extremely strong and former pupils remain very interested in their School, in no small part due to the exceptionally warm and mutually respectful relationships enjoyed between Hampton staff and their pupils.

The remarkable range of co-curricular activities on offer here provides each boy with the opportunity to shine and the means to explore new interests. Nearly all leavers go on to undergraduate courses at elite UK universities or medical schools. Around 30 Hampton boys gain places at Oxford and Cambridge each year; an increasing number go on to study at American Ivy League universities, often on academic and sporting scholarships.

Situated on a green field site in a leafy suburb of South West London, we are fortunate to have over 27 acres of playing fields within our spacious grounds and a generous investment programme ensures that pupils and staff benefit from first-class facilities across all areas of School life. These include a state-of-the-art 3G sports ground, a large Sports Hall and The Hammond Theatre, along with an excellent library and specialist facilities for Art, Music, Science, Technology, IT and Languages. In terms of future projects, we are looking forward next to the opening of our new Sixth Form Study and Careers Centre in Spring Term 2019. The Millennium Boat House, shared with our neighbouring girls' school, Lady Eleanor Holles, enjoys a prime location on the nearby River Thames and provides the focal point for our renowned and highly successful Boat Club.

Visitors from the Independent Schools Inspectorate (ISI) concluded in March 2016 that Hampton's academic and all-round excellence merited the rarely awarded ISI assessment of pupils' achievements and learning being 'Exceptional'. The inspection team's findings in all other areas were similarly pleasing and the highest possible judgements were achieved across the board. A copy of the full ISI report can be found on the School website.

We hope you share our vision for an inspiring, modern and exciting education. Further information for applicants can be found at <https://hamptonschool.org.uk/teachingathampton>

## **GENERAL**

An enthusiastic, well-qualified Teacher of Computer Science is required to teach Computer Science in the Lower School, at GCSE Level, and at A-Level.

This is an outstanding opportunity to join a new but growing, dynamic and exciting department, in an outstanding School, where many students are already developing their own coding and computing skills. The successful candidate will be expected to teach around 30 (40 minute) lessons per week, which would usually include a games afternoon and a form tutor period. The role involves planning appropriate lessons and dealing with marking and reporting. In this academically selective school, the challenges include stretching the most able up to Oxbridge level. Contribution to the wider life of the School is also expected from staff at Hampton.

Teachers may be responsible to other colleagues in their work, (e.g. a Form Tutor will have the Head of Year as their immediate line manager for pastoral work).

## **THE DEPARTMENT**

The Hampton Computer Science Department was formed recently and is expected to expand in terms of students and staff over the next few years. GCSE Computer Science was taught for the first time starting in September 2016, and we are now using the Edexcel International GCSE course. The AQA Computing Science A level and AS level were introduced September 2018. The Department currently relies on staff from a range of existing Departments, so as a principal there is great scope to make your mark on the development of the department. You would be expected to be fully involved in developing policy and taking responsibility for various areas of the Computer Science curriculum and the running of the Department.

### Lower School

In the First and Second Years the students are introduced to Word, use of iPads and selected apps, HTML and CSS for web design, and algorithmic thinking, and introduced to programming through graphical languages such as Scratch and Snap. In the Third Year the students are taught Excel, introduced to Computer Science, and then introduced to programming through a text language, Python. In the Lower School Computer Science is taken by all students.

### GCSE

At the end of the Third Year students may choose to continue with Computer Science as an optional GCSE subject. Although new to the school this has proven to be a popular option with Hampton students, with seven GCSE classes across the two year groups.

### A Level

Introduced in September 2018, there are currently two Sixth Form sets studying Computer Science to either AS or full A Level. It is expected that there will be four to five classes next year.

### Resources

There are four IT suites and three dedicated Computer Science teaching rooms, and all students and staff have their own iPads. Staff also have their own laptops. Extensive resources have been developed for the Lower School and are available through the School intranet. You would be expected to contribute to the development of GCSE and A Level resources.

### **PERSON SPECIFICATION:**

**The successful candidate will be able to demonstrate the following skills, qualifications and experience.**

#### **Essential Criteria:**

- A commitment to the Safeguarding and wellbeing of pupils
- A good honours degree in a numerate or computer science subject
- Enthusiasm for computing and the ability to convey this to pupils, up to Sixth Form
- Knowledge of at least one of Python, Pascal/Delphi, C# or VB.Net, and the willingness to learn Python if not already known
- The ability to demonstrate characteristics of outstanding teaching practice
- An awareness of the demands of teaching bright students and a commitment to fostering high academic achievement
- The ability to work as part of a team
- A professional approach which inspires confidence in pupils and parents
- Excellent communication and ICT skills
- Calmness and efficiency, with the ability to work under pressure at times
- Commitment to continuing professional development through attendance at INSET
- Commitment to the all-round ethos of the School, including its co-curricular activities and pastoral approach

#### **Desirable Criteria**

- A higher degree or experience of educational or subject-specific research
- A teaching qualification and/or some previous teaching experience
- The ability to develop and maintain effective relationships with all members of the school community and outside agencies
- An ability to offer skills in some part of the extra-curricular programme of the school
- Enjoy rising to the challenge inherent in a school environment

Please note that there may be some changes and additions to the above, which will be discussed before implementation and changes may occur as the post develops. This document is designed to provide applicants with a "flavour" of the position and responsibilities.

The Hampton School Trust Governors also currently offer the following non-contractual benefits to teaching staff, subject to any terms and conditions and the School's eligibility requirements: private medical insurance (PHC); death-in-service benefit insurance policy; a

Medicash healthcare cash plan; the Teachers' Pension Scheme, personal accident insurance, School fee remission, cycle to work scheme, lunch, sports facilities and counselling.

*Please note that the above list is not exhaustive and that non-contractual benefits are provided at the discretion of the Governors.*

### **SAFEGUARDING**

The post holder's responsibility for promoting and safeguarding the welfare of children and young persons for whom s/he is responsible, or with whom s/he comes into contact will be to adhere to and ensure compliance with the School's Safeguarding Policy and Procedures at all times. If in the course of carrying out the duties of the post the post holder becomes aware of any actual or potential risks to the safety or welfare of children in the School s/he must report any concerns to the School's Safeguarding Designated Persons or to the Headmaster.

*Hampton School Trust is an Equal Opportunities Employer.*

**Please note all appointments are subject to the Hampton School Trust Recruitment, Selection and Disclosure Policy and Procedure.**

*Hampton School Computer Science Department, November 2018*