THE PERSE
UPPER SCHOOL
CAMBRIDGE

Appointment of Teacher of Computer Science
Upper School

September 2018

The Perse School is looking to appoint a high achieving graduate to join this dynamic, expanding and successful department. The ability to teach mathematics or a second scientific subject to Key Stage 3 or above would be an advantage.

Full details about the School, its locality, teacher benefits and staff profiles can be viewed at the school website: http://www.perse.co.uk/job-vacancies/

The Department
Computer Science is an energetic, supportive and collegiate department which is led by David Gwilt. The successful candidate will have a genuine enthusiasm for the subject and be well placed to generate and sustain a high degree of motivation in all pupils, who are mainly of a high ability.

Computer Science teaching takes place in a mixture of chromebook-equipped classrooms and purpose-built ICT suites, recognising the mixture of theory and practical that a science subject covers. Computer Science is a core subject in years 7 and 8, and an option in year 9 which currently two thirds of the year have chosen. We follow the CIE IGCSE course in years 10 and 11, and are launching the AQA A-Level course in September 2018. The teaching language is Python and some familiarity with that would be beneficial.

Public exam results in Computer Science are excellent. In 2017, 92% of IGCSE candidates were awarded the A* grade, whilst in computing competitions Perse students have placed first nationally in the junior and intermediate age groups. Last year one Perse student represented the UK in the International Informatics Olympiad in Tehran, achieving a silver medal.

The department runs extra-curricular activities in digital literacy, programming and cyber security. There will be opportunities for a successful candidate to contribute.

Further information about the department's curricular and extra-curricular activities (and public examination results) can be found on the School's website.

Timetable
The School operates to a ten-day timetable cycle, consisting of 80 periods. Most members of staff teach about 59 periods per cycle including games and enrichment sessions. Newly qualified teachers receive period remission in their first year for training and induction.

Applicants without formal teaching qualifications or experience
Applicants without formal teaching qualifications or experience will be considered for this position. The Perse has a long record of training and developing teachers in situ, and many highly successful teachers started with no formal teaching qualifications. For applicants without a teaching qualification we are looking for: a high level of subject knowledge, enthusiasm, good communication skills, patience, an empathy with young people and a desire to get involved in the extra-curricular life of the school. The Perse supports unqualified teachers in achieving Qualified Teacher Status and the Post Graduate Certificate of Education qualification whilst working at the School.

Newly Qualified Teachers

The School is fully accredited to participate in the Independent Schools Teacher Induction Panel NQT Programme (IStip: https://istip.co.uk/about/). NQTs are provided with a comprehensive induction and mentoring programme which supports them in achieving qualified teacher status (QTS)

2016 ISI Inspection Report

The Pelican, Prep and Upper were inspected during the spring of 2016. The inspection report can be viewed at http://www.perse.co.uk/about-us/our-approach/inspection-reports/

Applications

Applications are to be made using the School's **online application form**, available from the School website.

Any queries regarding the application process should be directed to the HR Co-ordinator at recruitment@perse.co.uk.

Safer Recruitment

The Perse School is committed to safeguarding and promoting the welfare of children and applicants must be willing to undergo child protection screening appropriate to the post including: references from previous employers, a Disclosure and Barring Service check at the enhanced level, as well as eligibility to work in the UK (in compliance with UK immigration regulations). Interviews will be conducted in person, and they will explore candidates' suitability to work with children.

Recruitment Policy

The School's Recruitment, Selection and Disclosure Policy and Procedure is available for your information on the School website.

Interviews

Candidates will be invited to spend a day at the School and to meet the Head and Deputy Heads as well as the Head of Computer Science and the Head of Computing and Digital Strategy. Candidates will be asked to teach a lesson as part of the selection process.

The closing date for applications is 19 January at 2.00pm and interviews will be on 26 January.

Daniel Cross
Senior Deputy Head
01223 403860
drcross@perse.co.uk

JOB DESCRIPTION

POST TITLE: Teacher of Computer Science

The School is committed to safeguarding and promoting the welfare of children and young people and expects all staff and volunteers to share this commitment.

Accountability
The Teacher of Computer Science is ultimately accountable to the Head through the Senior Deputy Head but day to day accountability will be to the Head of Department.

The following duties shall be deemed to be included in the professional duties which the Teacher may be required to perform:

Curriculum
- Teaching throughout the school in a manner appropriate to students' ages and abilities.
- The ability to teach mathematics or a second scientific subject to Key Stage 3 or above would be an advantage.
- Assessing and recording students' progress in accordance with departmental and school policies.
- Preparing students for university applications in related subjects;
- Promoting and teaching GCSE/IGCSE/A Level/Pre-U.
- Attending and contributing to departmental meetings.
- Developing and sharing teaching and learning resources.
- Monitoring the work and progress of pupils, including those with specific learning needs.
- Maintaining professional skills through INSET and our Professional Development programme.
- Being proactive in exploring innovative ways of delivering ICT through the curriculum.
- Producing displays to create an attractive learning environment.

Extra-curricular
- Contributing to the extra-curricular life of the school through Games, the Enrichment Programme or other appropriate commitment.

Pastoral
- Taking part in the pastoral life of the school as a form tutor;
- Contributing to the PSHE programme.

Safeguarding
- Promoting and safeguarding the welfare of children and young persons for whom you are responsible and with whom you come into contact.

Review
- The job specification will be reviewed biennially as part of the professional development cycle. Any changes may only be made by agreement with the Head of Department and Senior Deputy Head.

PERSON SPECIFICATION

POST TITLE: Teacher of Computer Science

Qualifications
- High Class Honours Degree in Computer Science or related subject.
- PCGE desirable but by no means essential.

Skills and Experience
- The capacity to inspire pupils of all abilities and enhance pupil learning.
- Proven communication and interpersonal skills.
- High level of literacy, attention to detail and ability to use initiative.
- High order administrative skills, effectively manages commitments and deadlines.
- ICT competence and willingness to learn and use new technologies.

Personal competencies and qualities
- Motivation to work with children and young people.
- Ability to form and maintain appropriate relationships and personal boundaries with children and young people.
- Emotional resilience in working with challenging behaviours.
- Positive attitude to use of authority and maintaining discipline.
- Empathy for pupils, parents, staff and the community.
- Shares in the values that define the School community: intellectual curiosity and scholarship, endeavour, breadth and balance, and valuing one another.
- Works collaboratively and supportively with colleagues within school and with colleagues in other organisations.
- Respects and values the different experiences, ideas and backgrounds others can bring to work and to teams.
- Ability to motivate and encourage participation in activities both inside and outside the classroom and a willingness to take part in / organise trips and visits.
- A generosity of spirit and a willingness to contribute to the extra-curricular life of the School.
- Committed to continual personal and professional development.

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