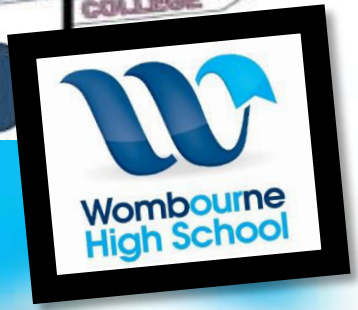


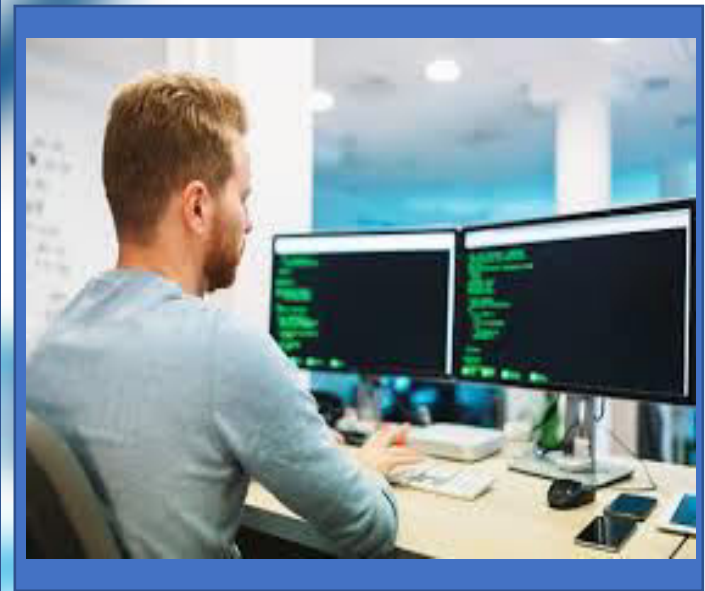
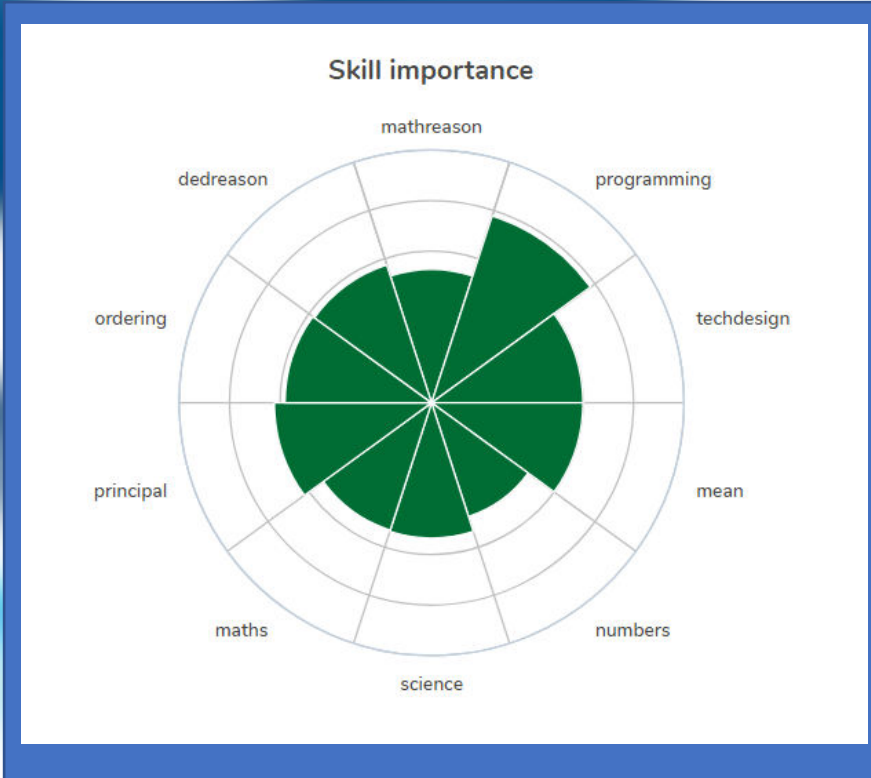


# Careers 2020



## Computer Programmer

**Career Of The Week Date:**  
**17/5/2021**



# Computer Programmer



£46,280

average salary

The UK average salary is £28,758



36

average weekly hours

There are 37.5 hours in the average working week



85% male 15% female

The UK workforce is 47% female and 53% male



## Description?

Programmers and software development professionals design, develop, test, implement and maintain software systems in order to meet the specifications and business objectives of the information system; they also design and develop specialist software e.g. for computer games.

## Qualifications

Entrants usually possess a degree or equivalent qualification, although entry with other academic qualifications and/or significant relevant experience is possible. There is a variety of vocational, professional and postgraduate qualifications available.

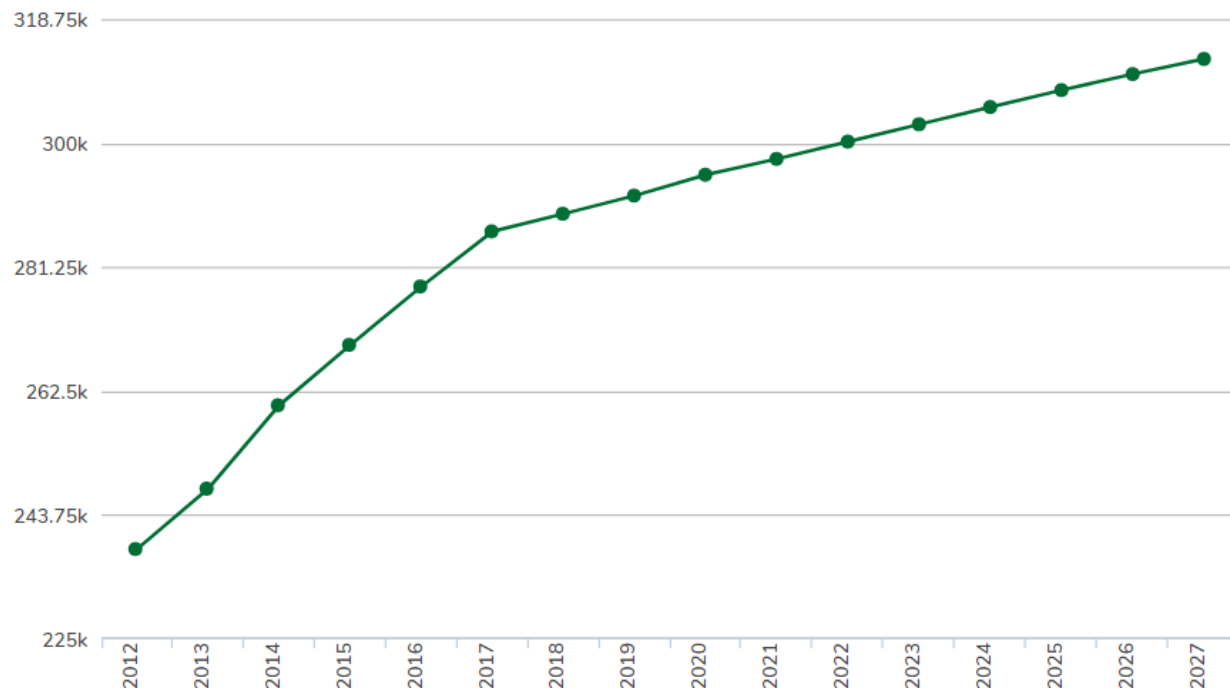


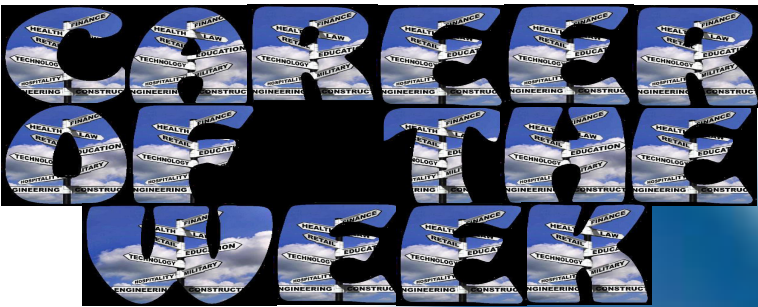
# Computer Programmer

## Tasks

Examines existing software and determines requirements for new/modified systems in the light of business needs;  
 Undertakes feasibility study to design software solutions;  
 Writes and codes individual programs according to specifications;  
 Develops user interfaces;  
 Tests and corrects software programs;  
 Writes code for specialist programming for computer games, (for example, artificial intelligence, 3D engine development);  
 Implements and evaluates the software;  
 Plans and maintains database structures;  
 Writes operational documentation and provides subsequent support and training for users.

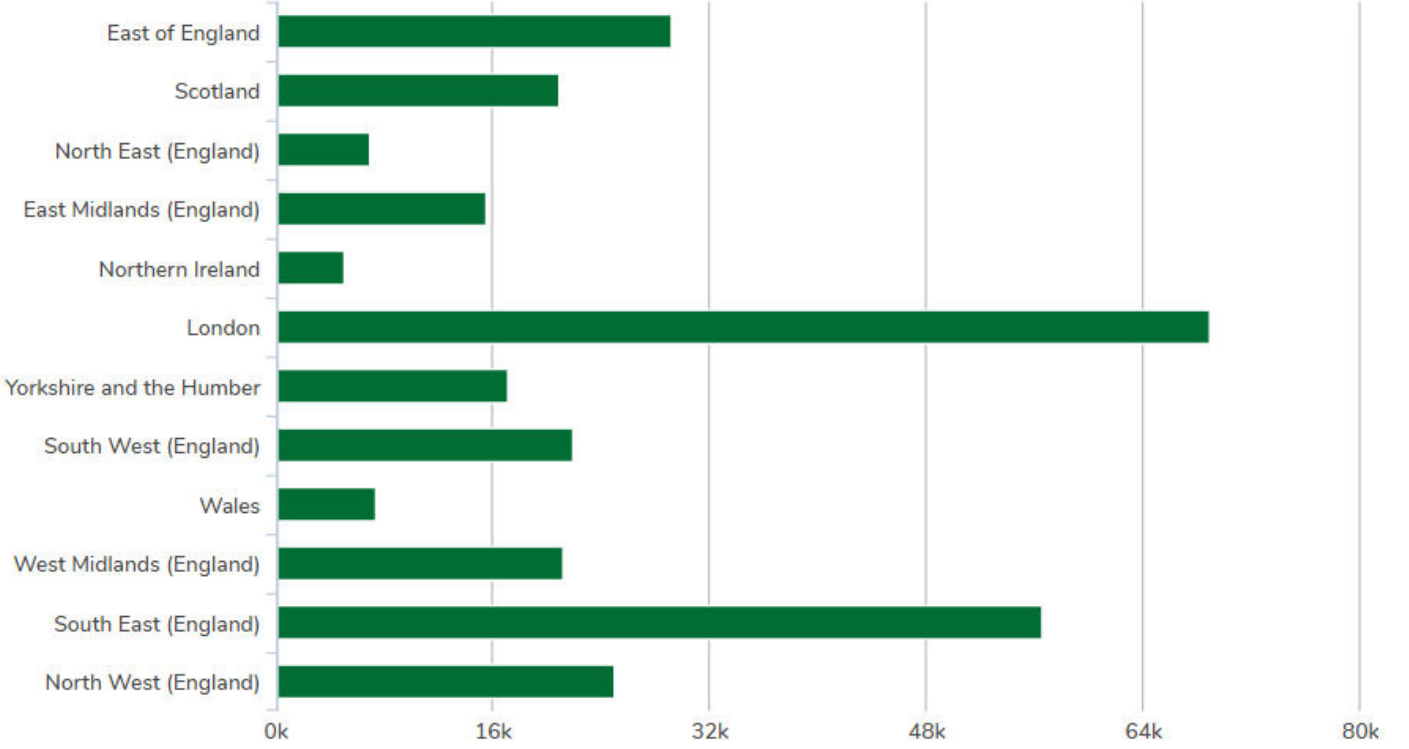
Future employment





# Computer Programmer

Employment by region



Employment status

