

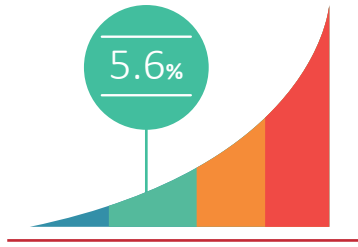
# HIGH TECH

The West of England high tech sector is recognised as the most productive cluster in the UK ranking above London. The region excels in software engineering and development, systems design and integration, robotics, silicon design and embedded software.

All data represents the West of England

## SIZE OF SECTOR

**18,168**  people are employed in this sector



By 2024, **FORECASTED GROWTH** (Approx 1,021 jobs)

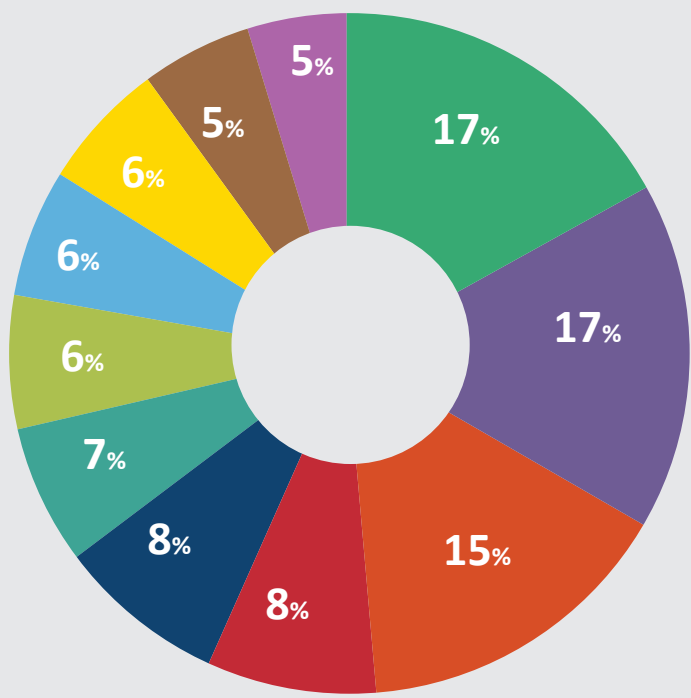
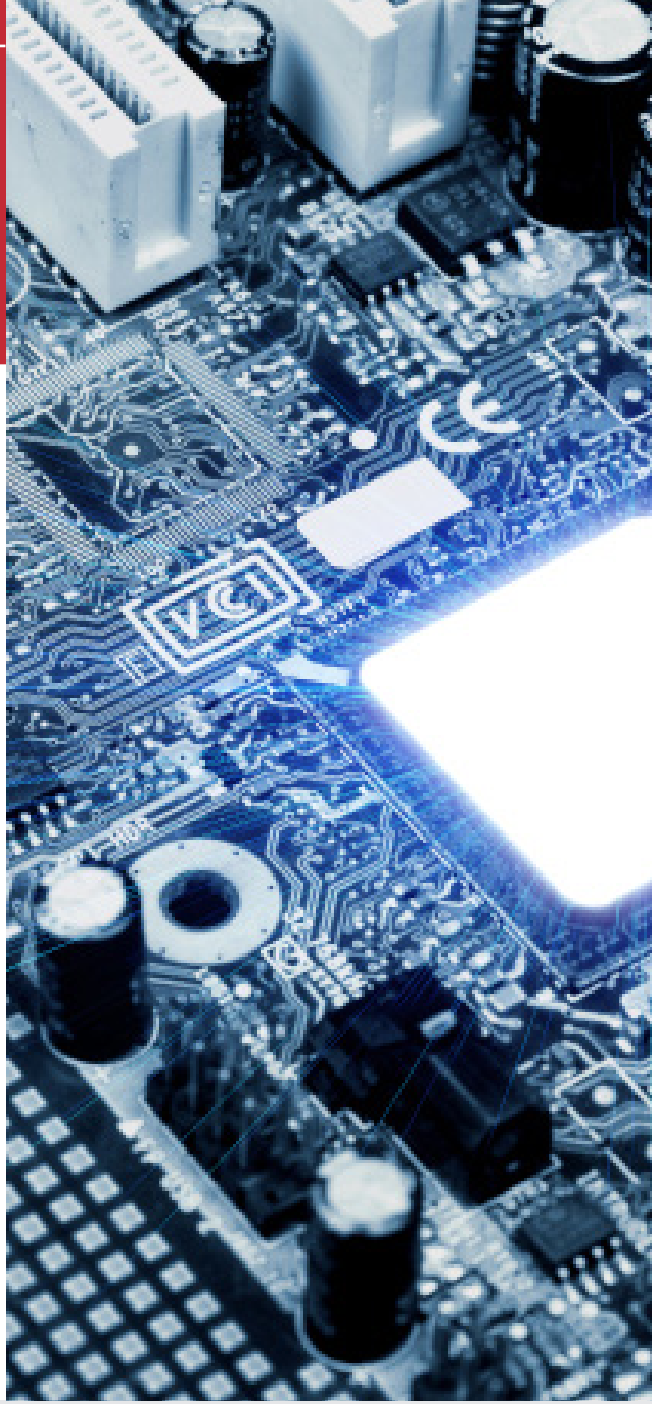
**# 76,320** number of job postings over the past 12 months














**% 8.8%** is the share of the workforce in this sector aged between 16-24 years old

of Advertised jobs in 2016 required a bachelor's degree or equivalent

## EMPLOYMENT AREAS



-  Programmers and Software Development
-  IT Specialist Managers
-  IT Operations Technicians
-  Sales Accounts
-  IT Engineers
-  IT User Support Technicians
-  IT Project Managers
-  IT Business Analysts and System Designers
-  Other Administrative Occupations n.e.c
-  Information Technology Directors
-  Information Technology Professionals

# ADVERTISED SALARIES



Occupation	Average annual salary (£)
Programmers and Developers	39k
IT Specialist Managers	35k
IT Operations Technicians	29k
Sales Accounts	26k
IT Engineers	35k
IT User Support Technicians	26k
IT Project Managers	35k
IT Analysts and System Designers	35k
Other Administrative Occupations	26k
Information Technology Directors	35k
Information Technology Professionals	28k

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  <span class="sr-only">Previous</span>
</a>
<a class="right carousel-control" href="#myCarousel" role="button" data-slide="next">
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  <span class="sr-only">Next</span>
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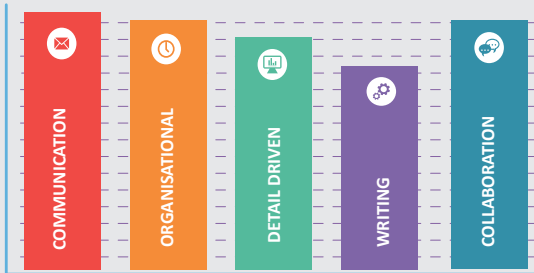
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# SKILLS IN DEMAND



## Soft skills

Analysing West of England job postings from 2017 shows employers identify these soft skills as crucial to be successful in this sector



## Hard skills

Analysing West of England recruitment data from 2017 shows specialist and technical skills are in demand, and people with these skills will be more likely to obtain high-skilled and high-paying jobs within this sector



Specialist skills

### Specialist

- Adobe CC
- Microsoft Excel
- Social Media
- CAD
- Web Development
- Software Development

### Programming

- SQL
- JAVASCRIPT
- ASP
- Microsoft C#
- .Net Programming

### Business

- Project Management
- Product Development
- Contract Management
- Product Sales
- Customer Service
- Business Development



## EMPLOYERS

with the most advertised vacancies over the past 12 months in the West of England

- AIRBUS
- AKKA DEVELOPMENT UK
- AMAZON
- ATKINS
- BOEING
- BABCOCK INTERNATIONAL
- BMT DEFENCE SERVICES
- COMPUTERSHARE
- GIGAOM
- GENERAL ELECTRIC COMPANY
- HARGREAVES LANSDOWN
- FORGEROCK
- NATIONAL HEALTH SERVICE
- ROLLS ROYCE HOLDINGS
- SANDERSON GROUP
- UNIVERSITY OF BRISTOL
- UNIVERSITY OF THE WEST OF ENGLAND
- UNIVERSITY OF BATH

## Sources

- 1) Labour Insights/Burning Glass Technologies, May 2016 - May 2017/ WestofEnglandLEP
- 2) EMSI/WestofEnglandLEP
- 3) BusinessWest/High Tech Statement 2017

Partners,



Education & Skills Funding Agency

