

IT's happening in the North East

The IT and Digital sector has over 39,000 well-paid digital tech jobs in the North East in all sorts of roles.

1,300 employers – IT companies and IT in companies:

Gaming
Healthcare
Public Services
Financial Services
Digital Marketing
Consultancy
Systems Integration
Government
Manufacturing
Utilities

We have around 3,500 vacancies

All but around a hundred require experience. More than half are in software and web development, IT management, business development, project management, testing and account management

Growth areas:

Advanced Manufacturing
Big Data
BIM/Digital Construction
Car software
Cloud Computing
Data Science
Finance and Accounting
Games and 3D
Healthcare and Biomedical
Internet of Things
IT Support
Online Marketing
Security and Data Protection
Shared Services
Software as a Service
Web development

Creating more new businesses than anywhere else in the UK outside of London.

CAREERS TIPS

There's a job in IT for **YOU** regardless of the subjects you're studying - there are over 100 job roles in IT

- All roles: GCSE (or higher) Maths and English
- Online marketing, cyber security, policy, strategy and digital ethics: History, Psychology, Languages, Social sciences
- Wearable biosciences: PE, Biology
- Web and software development: Maths, Engineering, ICT, Computer Science
- Business analysis, project management, supply chain management, business development: Business Studies
- Games, VFX and animation: Degree in Computer Science, Games Programming, Art, Animation or Games Design, preferably from an accredited degree programme. Excellent pathway from Sunderland College's Level 3 Extended Diploma in Skills

The more work you put in the more choice you'll have about your future

What employers look for

- POSITIVE ATTITUDE
- Creative problem solving
- Good eye for detail
- Ability to work under pressure and meet deadlines
- Good communication and social skills

Stand out from your friends

- Keep a log of what you do and build a 'portfolio' of only the best stuff YOU have done.
- Gain experience of work: volunteer - work for free if you have to
 - help people with online skills
 - mentor younger students

IT's made in the North East

MORE SOFTWARE COMPANIES BASED IN THE REGION THAN ANYWHERE ELSE IN THE UK OUTSIDE OF LONDON // MOST OF THE WORLD'S WI-FI FOR TRAINS // SYSTEMS THAT HELP MAKE HALF THE COUNTRY'S BEER // MANY OF THE PLATFORMS FOR ONLINE BINGO AND CASINOS // HMRC DIGITAL DELIVERY CENTRE // SYSTEMS THAT MOST WORKERS IN THE UK ARE PAID USING // HIGH STREET BANKING SYSTEMS // HIGH PROFILE APPS // SYSTEMS USED BY HIGH END CAR RETAILERS TO SHOW CARS THEY DON'T HOLD IN STOCK // SAGE: ONLY TECH COMPANY IN THE FTSE 100 BASED IN THE NE // UBISOFT CONSUMER RELATIONSHIP CENTRE IN NEWCASTLE (200 PEOPLE WORKING IN 16 LANGUAGES,) AND A SOFTWARE STUDIO IN GOSFORTH // CREATIVE FUSE NE PROJECT (ALL 5 REGIONAL UNIVERSITIES WORKING TOGETHER)

IT's a great place to be

Great facilities, accelerator programmes and educational institutions

Sunderland Software City, Evolve Centre
Cobalt Business Park
Campus North
North East Futures UTC
National Institute for Smart Data and Innovation
Five universities and many Further Education colleges
Highest proportion of students studying STEM subjects in the UK

Active local IT scene for young people

Code Club
CoderDojo
AppsforGood
Maker clubs
Young Rewired State
Hackathons

People working in IT and Digital earn more than their peers

IT Director/Head of IT	average £85k - (non-board)
IT Manager	average £52k
Enterprise Architect	average £79k
Programme Manager	average £70k
Project Manager	average £47k
Security Manager	average £72k
IT Security Officer	average £30,000
Head of Development	average £75k
Development Team Lead	average £58k
Developer	average £32k - £58k <i>depending on platform</i>
Test Manager	average £44,000
Test Lead	average £38,000
Data Scientist	average £52,000
Data Analyst	average £24,000
Business Analyst	average £42,000
Desktop Support Engineer	average £22,000
Infrastructure Support Engineer	average £36,000

Sources: TechNation, GeekTalent, Dynamo, NigelWright Salary Survey, investnortheastengland



ABOUT DYNAMO NORTH EAST

The north east's industry-led IT cluster

Brings together all sorts of people working in IT

- Colleges
- Training providers
- Universities
- IT Companies
- Companies with IT sections
- Councils, health, emergency services, Government

Connects organisations with similar interests through events, conferences and awards

Trained over 100 young people through the Dynamo Hub – getting them ready for IT apprenticeships

Won funding for a new University Technical College for IT and Life Sciences and a National Smart Data Institute

