



TECH INDUSTRY GOLD

the UK gold standard for employability, academic results and inclusivity.

A summary of facts and results

February 2019

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SECTION 1: OVERVIEW



- ❖ About Tech Industry Gold
- ❖ Degree results summary
- ❖ Employer Board
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About Tech Industry Gold



Tech Industry Gold is the industry accreditation for digital & tech degrees and degree apprenticeships.

Tech Industry Gold accredited degrees:

- ❖ Are the result of a unique collaboration between universities and employers of digital specialists across all sectors:
 - They meet learning outcomes defined by industry.
 - They integrate the **technical, business and interpersonal** skills new recruits need to excel in digital careers in any sector of the economy.
- ❖ Provide an exceptional **student experience** due to the active support of a network of over 200 employers.
- ❖ Are accredited by employers through the UK Professional, Statutory and Regulatory Body (PSRB) Tech Partnership Degrees.
- ❖ Deliver **outstanding results**, significantly outperforming Computer Science overall, all subjects overall, and almost every individual subject area on every key measure.

Degree results summary



» Academic results

- **84% of Tech Industry Gold graduates achieve 1sts or 2:1s**, compared to 70% for Computer Science overall and 72% for all subjects. This is the joint highest of all subject areas.

» Employment

- Tech Industry Gold graduates are **less than half as likely to be unemployed** as Computer Sciences graduates overall (3% v. 8%). This is better than all subject areas except medical / veterinary subjects and education.
- **50% of Tech Industry Gold graduates earn at least £25,000** six months after graduation, compared to 37% for Computer Science overall and 27% for all subjects. This is better than all subject areas except medical / veterinary subjects and engineering.

Degree results summary (cont)



» Preparation for the future

- The proportion of Tech Industry Gold graduates who felt their degree prepared them 'very well' or well' for **employment** was only bettered by medicine & dentistry.
- The proportion of Tech Industry Gold graduates who felt their degree prepared them 'very well' or well' for **self-employment / starting a business** was the highest of all subject areas.

» Inclusivity

- Tech Industry Gold courses have **more than double the proportion of females** compared to Computer Science overall (31% v. 14%).
- **37% of Tech Industry Gold graduates identify as BAME**, compared to 27% for Computer Science overall and 22% for all subjects.

Tech Partnership Degrees Employer Board



Accenture	Candida Mottershead	HR Director
Air Products	Shash Patel	Director, Information Risk Management & Privacy
Amazon	John Park	Director of Public Policy
Barclaycard	Keith Little	CIO
BT	Mark Murphy	HR Director
Capgemini	Stephanie Bishop	Talent Director
Cisco	Tom Kneen	Corporate Affairs Lead
CGI	Julia McDonald	Director of Recruitment
Deloitte	Rafik Ishani	Director
DWP	Jenny Liebenberg	HR Director for Digital Group
Fujitsu	Vicky Sheppard	Client Managing Director
IBM	Jenny Taylor	Graduate, Apprenticeship & Student Programme Leader
Jaguar Land Rover	Simon Bolton	CIO
Lloyds Banking Group	Ian Bromwich	Engineering Director
National Childbirth Trust	Peter Pedersen	CTO
Network Rail	Helen Ford	Practice Manager, New Entrants Programmes
NHS Digital	Sarah Wilkinson	CEO
Quicksilver	Andy Cripps	Technical Services Director
SAS	Geoffrey Taylor	Head of Academic Engagement
TCS	Yogesh Chauhan	Director Corporate Responsibility
Telefonica UK	Brendan O'Rourke	CIO
VMware	Colin Bannister	Northern EMEA Senior Director of Presales
Tech Partnership Degrees	Chair	Phil Smith
	CEO	Karen Price

Tech Industry Gold University Network



Universities offering Tech Industry Gold accredited degrees and / or degree apprenticeships:

Anglia Ruskin	Greenwich	Ravensbourne College
Aston	Hertfordshire	Roehampton / QA
Birkbeck, University of London	Lancaster	Sheffield Hallam
Blackpool and The Fylde College	Leeds Beckett	Staffordshire
BPP	Loughborough	Suffolk
Chester	Manchester	Sunderland
Chichester	Manchester Metropolitan	Teesside
Derby	Northumbria	University of East London
Essex	Open University	University of the West of England
Exeter	Oxford Brookes	University of West London
Glasgow Caledonian	Queen Mary University London	Winchester

See www.tpdegrees.com for details.

SECTION 2: TECH INDUSTRY GOLD RESULTS

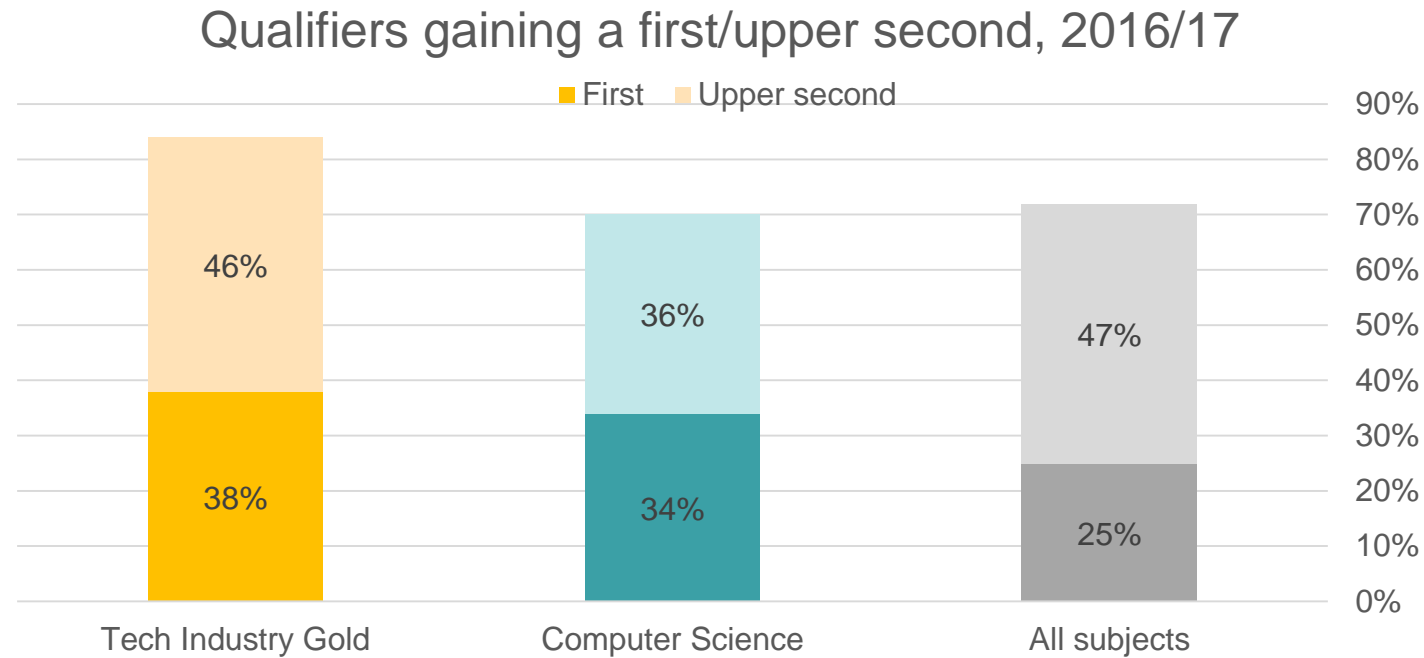


- ❖ Academic outcomes
- ❖ Employment outcomes
- ❖ Preparation for the future:
 - Employment
 - Self-employment / starting a business
 - Further study
- ❖ Inclusion
 - Gender
 - Ethnicity
- ❖ Summary of key measures
- ❖ Data sources and definitions

Academic outcomes



- 84% of Tech Industry Gold degree graduates achieve 1sts or 2:1s, compared to 70% for Computer Science overall and 72% for all subjects.



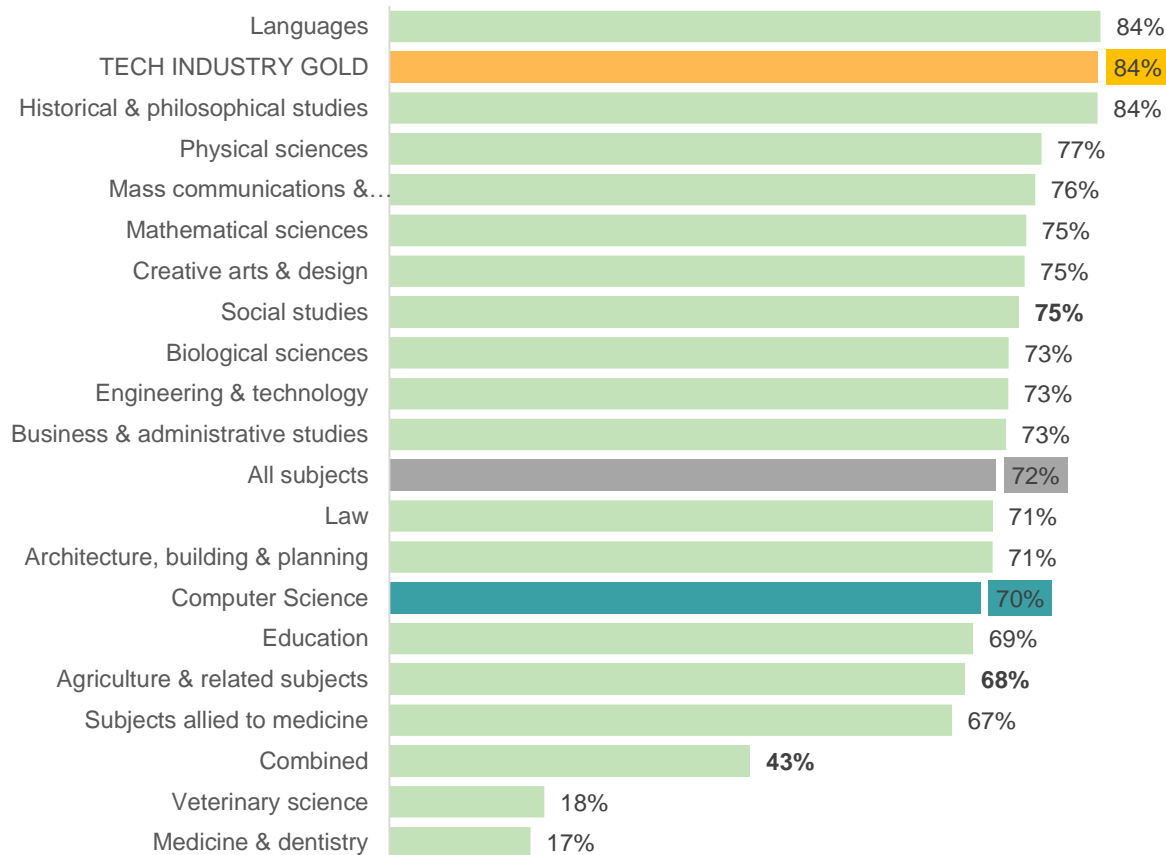
Source: Analysis of HESA statistics by Sagacity Research Ltd

- 91% of graduates on Tech Industry Gold degree apprenticeships have achieved 1sts or 2:1s (two cohorts to date, 64 students).

Academic outcomes



Qualifiers gaining a first/upper second, 2016/17



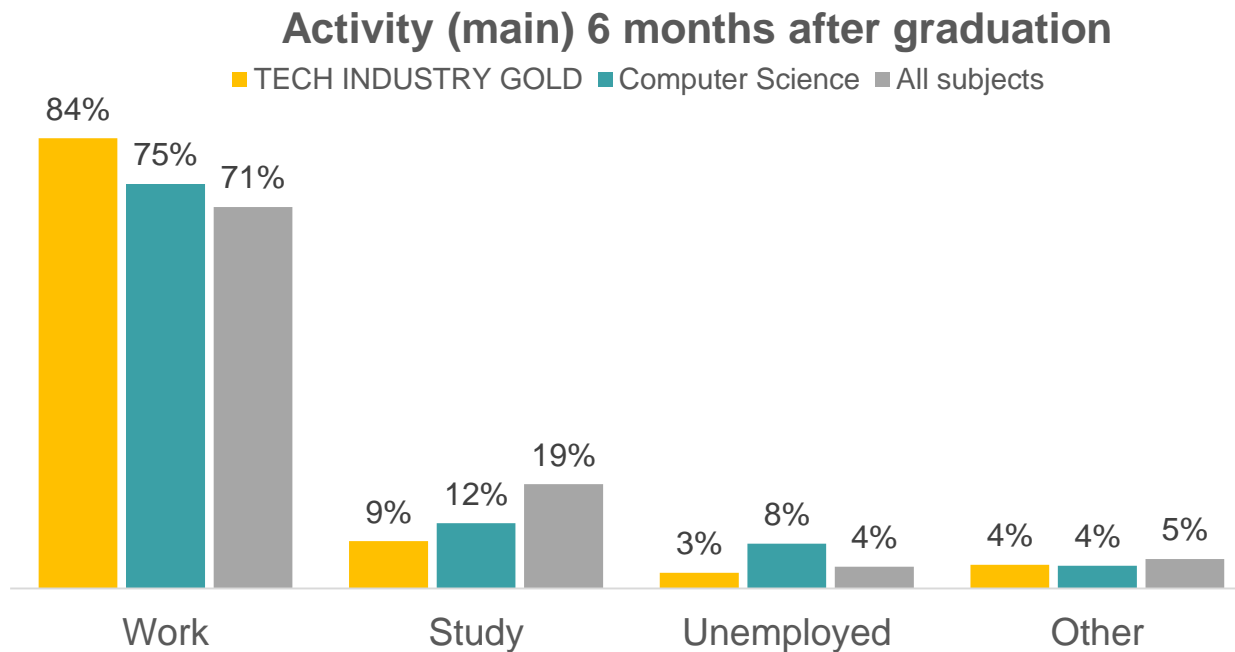
At 84%, Tech Industry Gold's proportion of 1sts or 2:1s is joint highest of all subject areas.

Source: Analysis of HESA statistics by Sagacity Research Ltd

Employment outcomes



Tech Industry Gold graduates are less than half as likely to be unemployed as graduates of Computer Science overall (3% v. 8%).

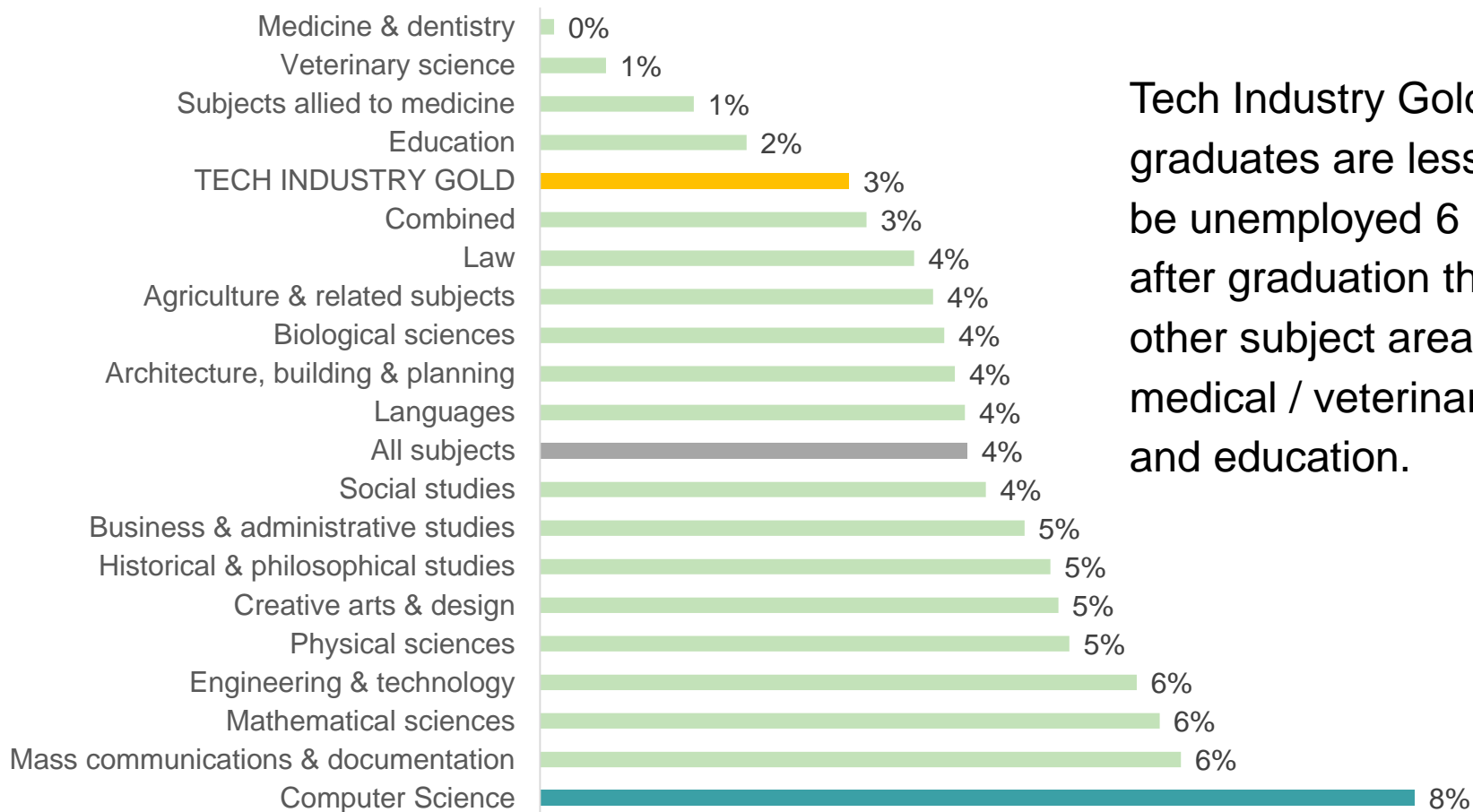


Source: Analysis of HESA statistics by Sagacity Research Ltd

Employment outcomes - unemployment



Qualifiers unemployed 6 months after graduation



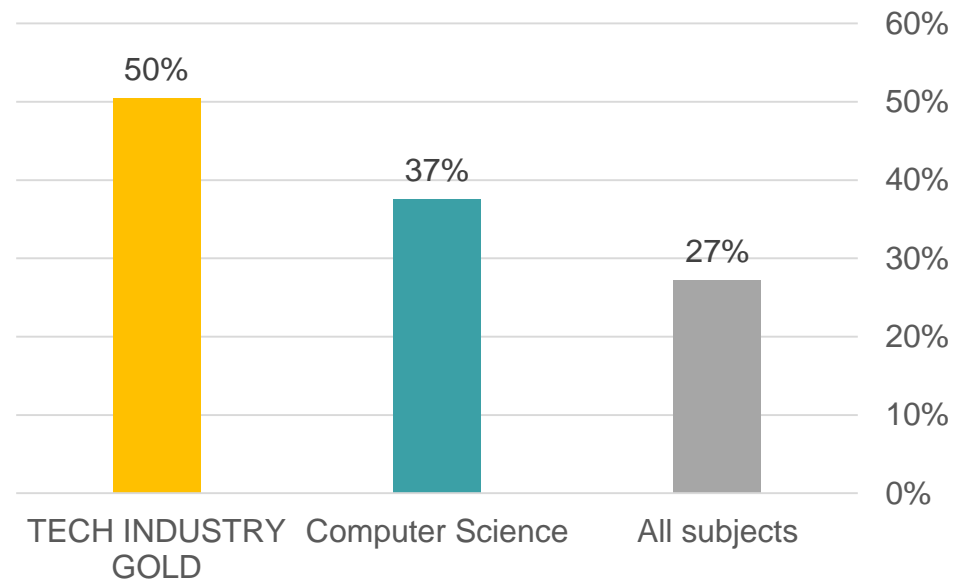
Tech Industry Gold graduates are less likely to be unemployed 6 months after graduation than any other subject area except medical / veterinary subjects and education.

Employment outcomes - salary



- 50% of Tech Industry Gold graduates earn at least £25,000 six months after graduation, compared to 37% for Computer Science overall and 27% for all graduates.

Proportion of qualifiers earning £25,000 p.a. or more six months after graduation



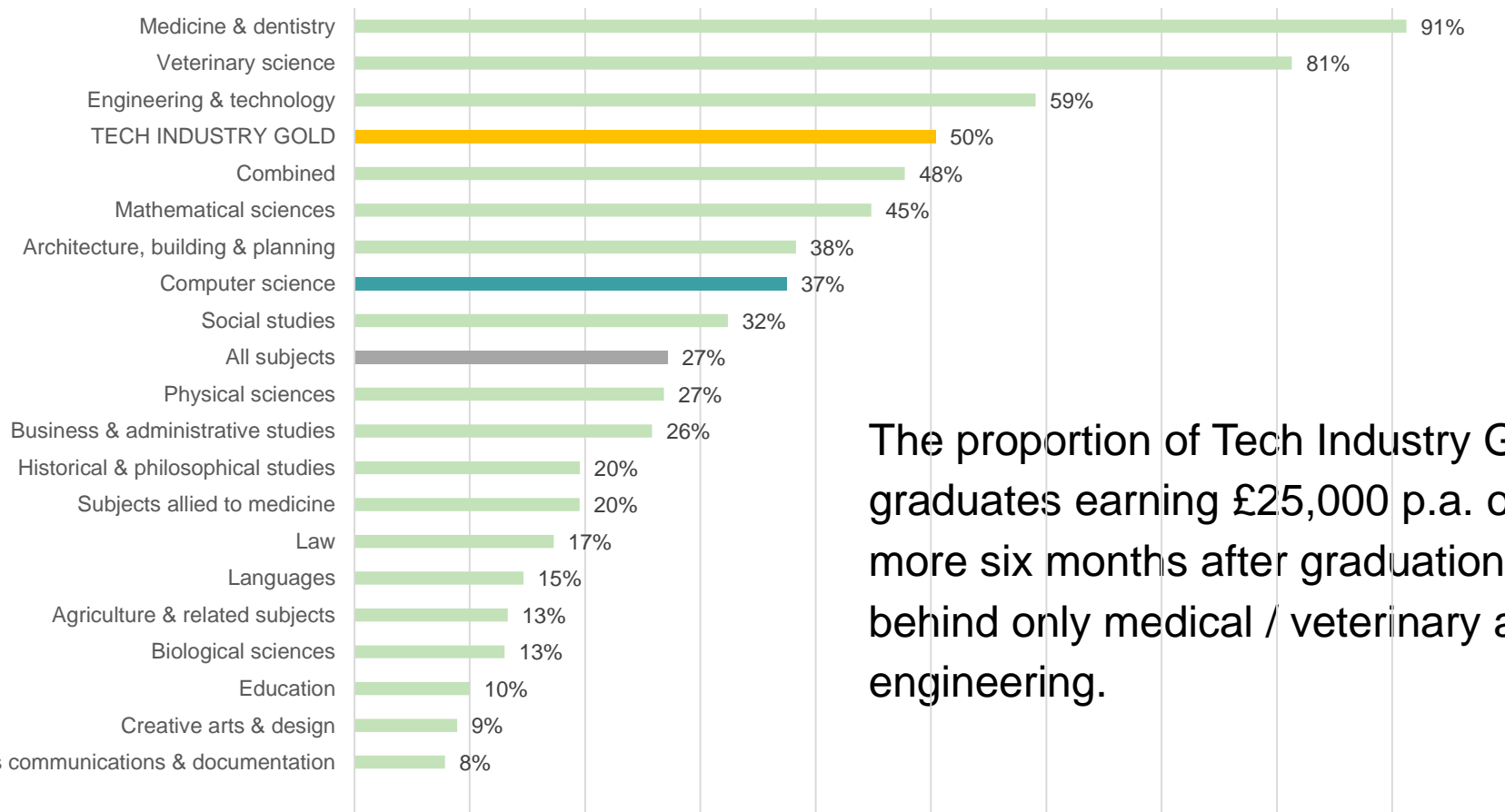
*Source: Analysis of HESA statistics by Sagacity Research Ltd
Salaries over £70,000 p.a. excluded*

- Tech Industry Gold graduates earn on average £25,000 a year six months after graduation, compared to £24,200 for Computer Science overall.

Employment outcomes – salary



Proportion of HE leavers earning £25,000 pa or more 6 months after graduating



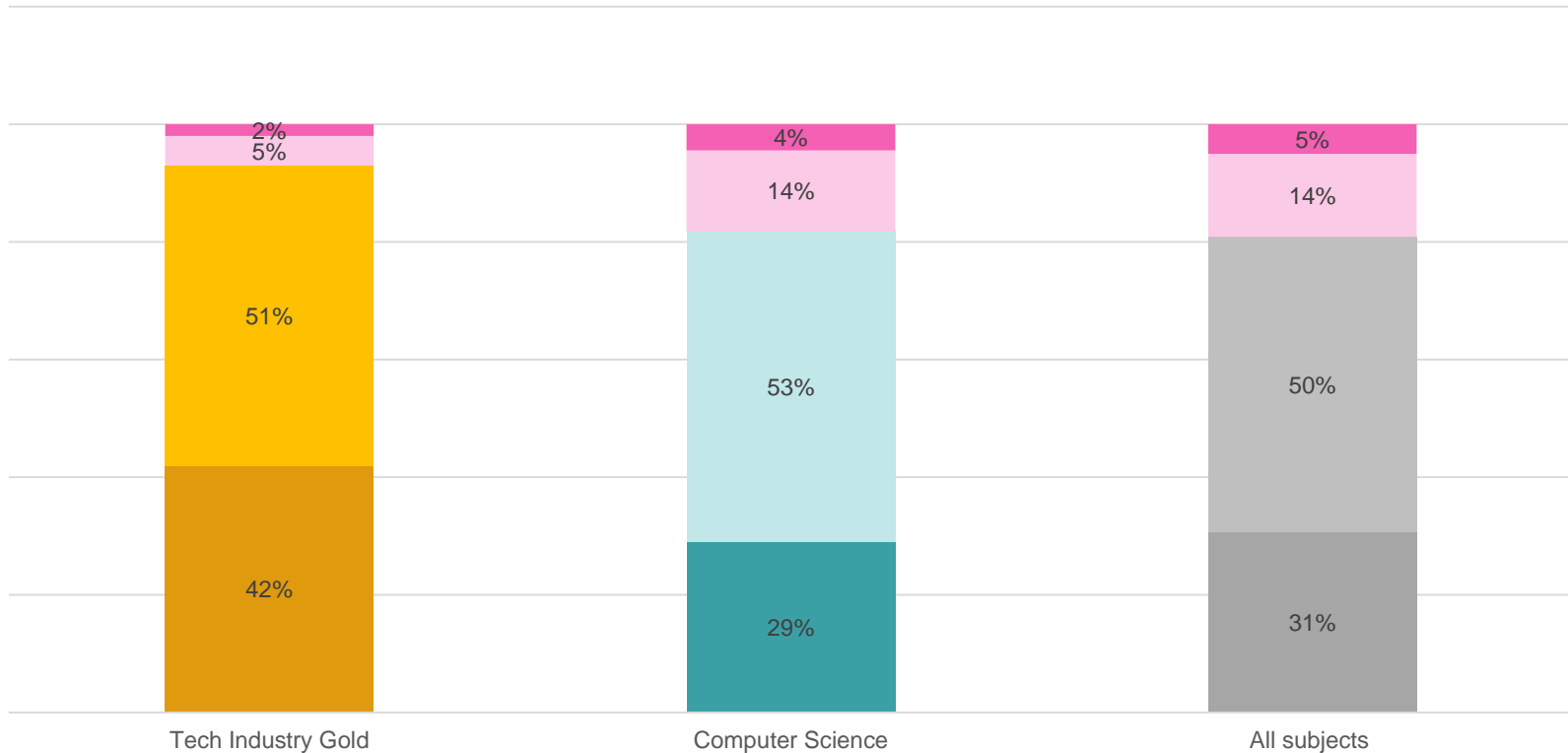
The proportion of Tech Industry Gold graduates earning £25,000 p.a. or more six months after graduation is behind only medical / veterinary and engineering.

Preparation for employment



Preparation for employment

Very well Well Not very well Not at all



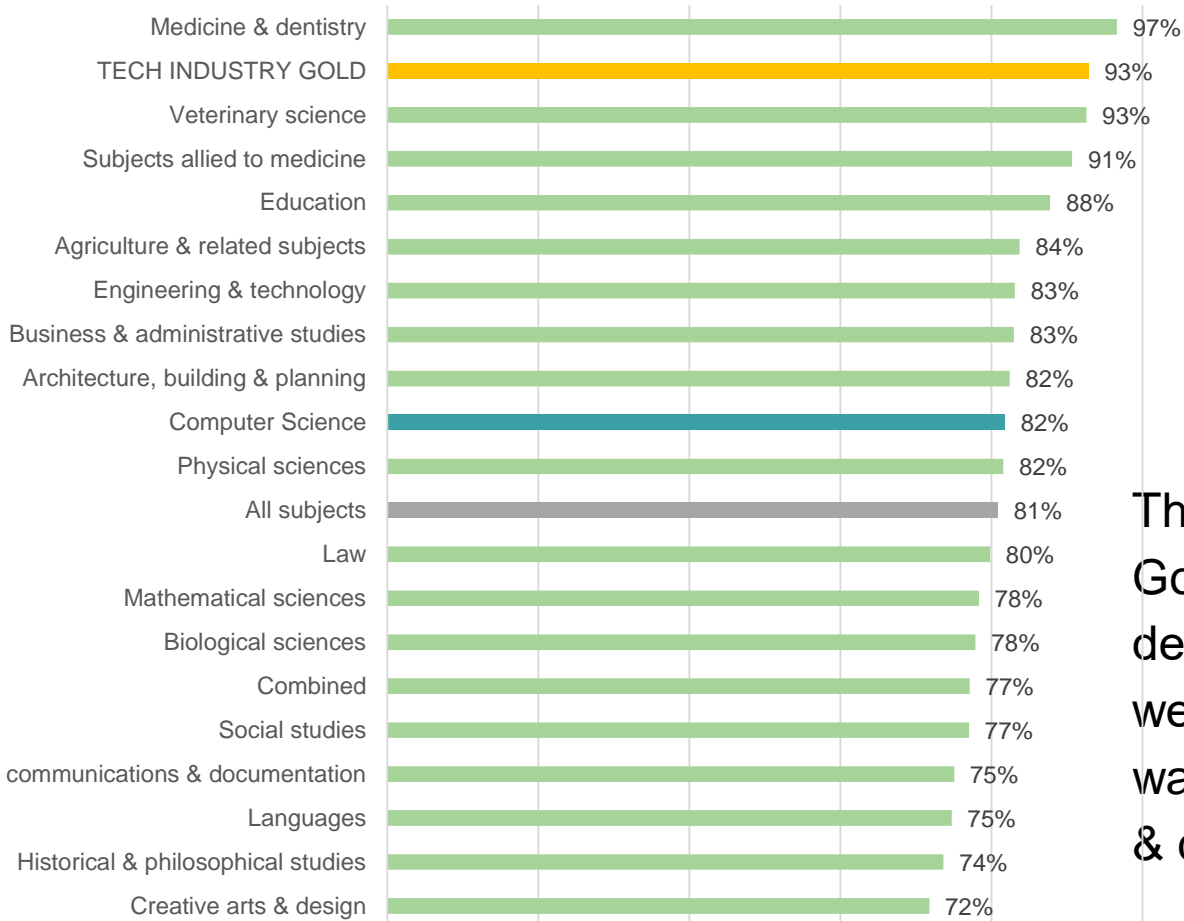
93% of Tech Industry Gold graduates felt their degree prepared them 'very well' (42%) or 'well' (51%) for employment.

This compared to 82% for Computer Science overall ('very well' 29%, 'well' 53%)

Preparation for employment



Preparation for employment: very well or well



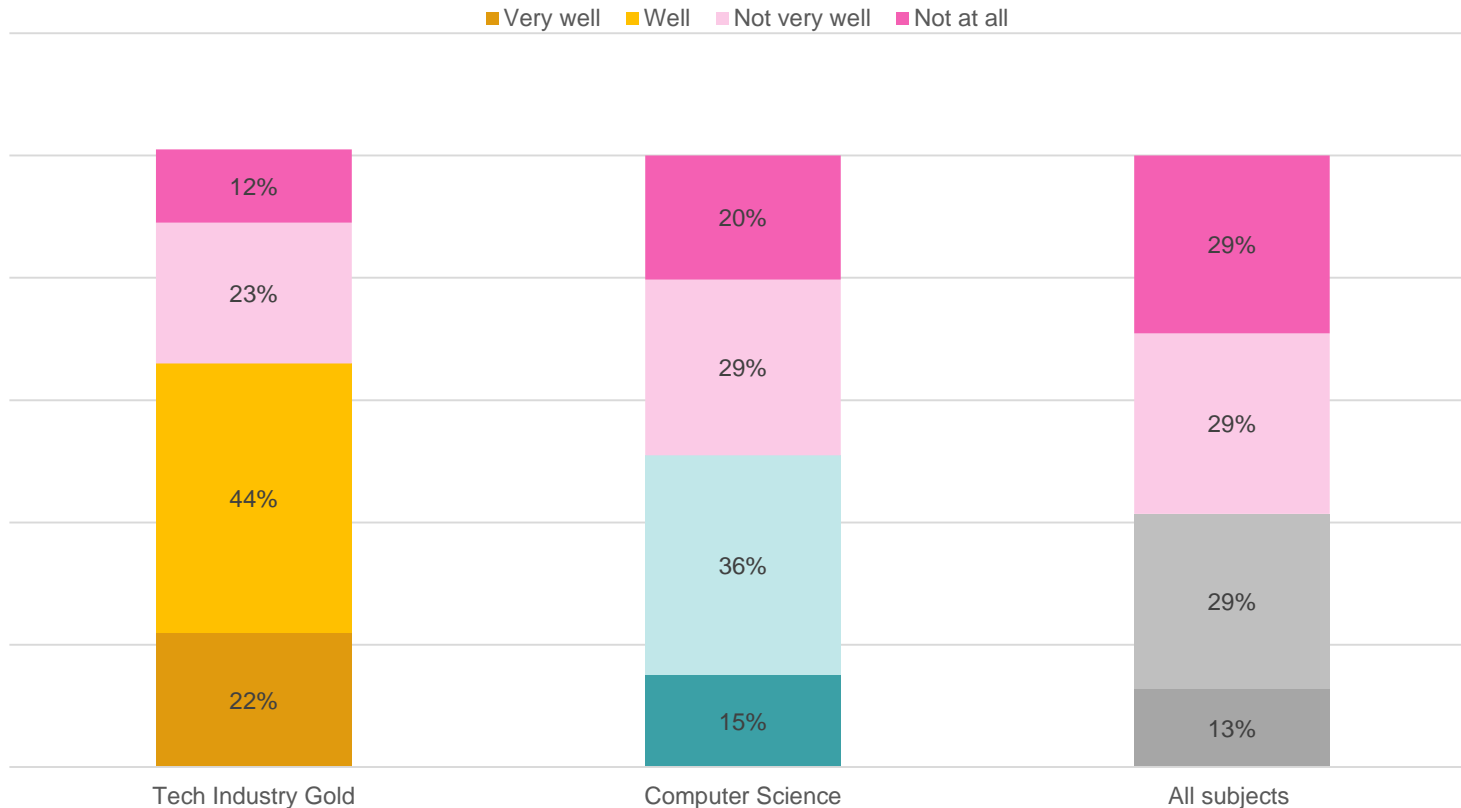
The proportion of Tech Industry Gold graduates who felt their degree prepared them 'very well' or 'well' for employment was only bettered by medicine & dentistry.

Source: Analysis of HESA statistics by Sagacity Research Ltd

Preparation for starting a business



Preparation for self employment / starting a business



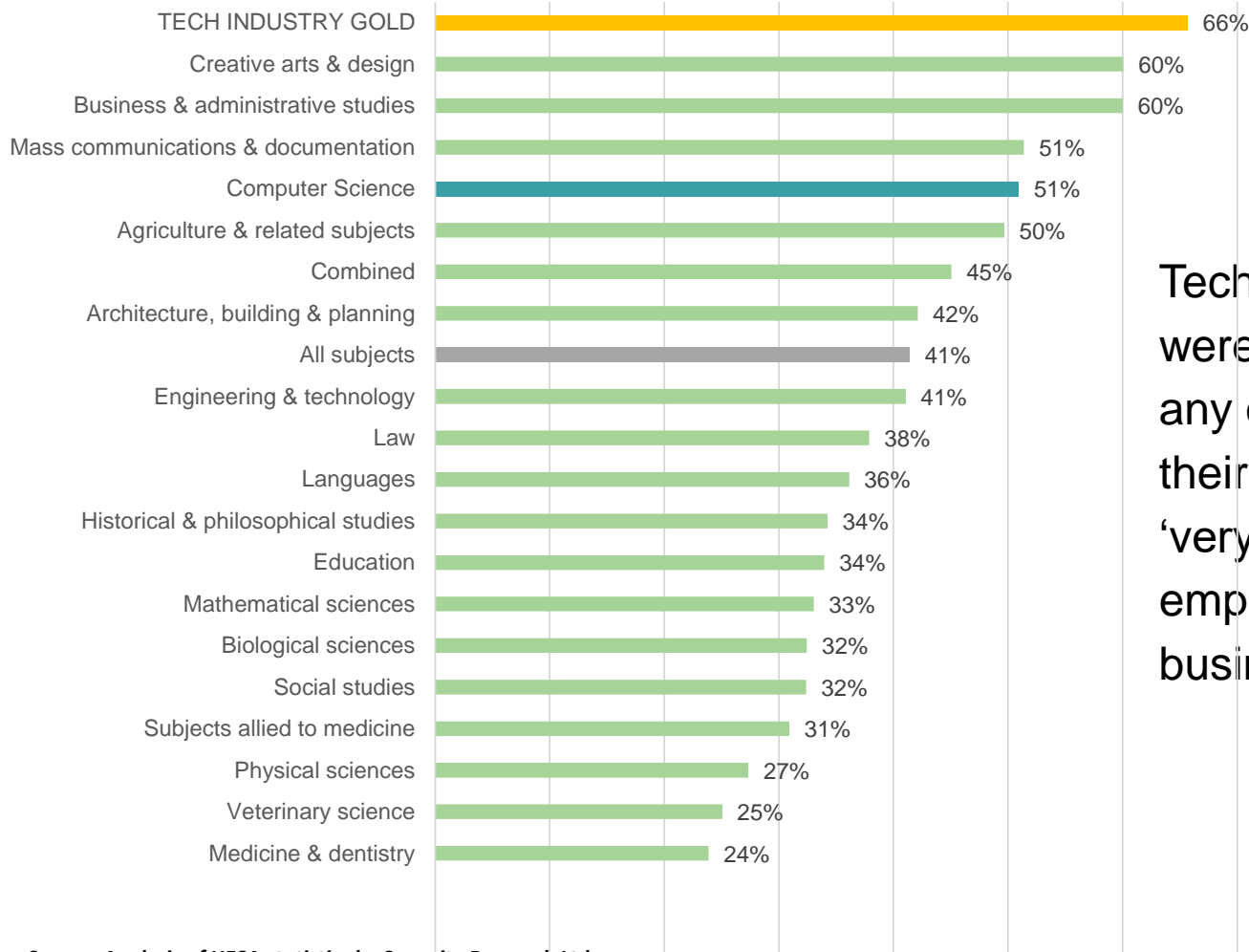
66% of Tech Industry Gold graduates felt their degree prepared them ‘very well’ (22%) or ‘well’ (44%) for self employment / starting a business.

This compared to 51% for Computer Science overall (‘very well’ 15%, ‘well’ 36%)

Preparation for starting a business

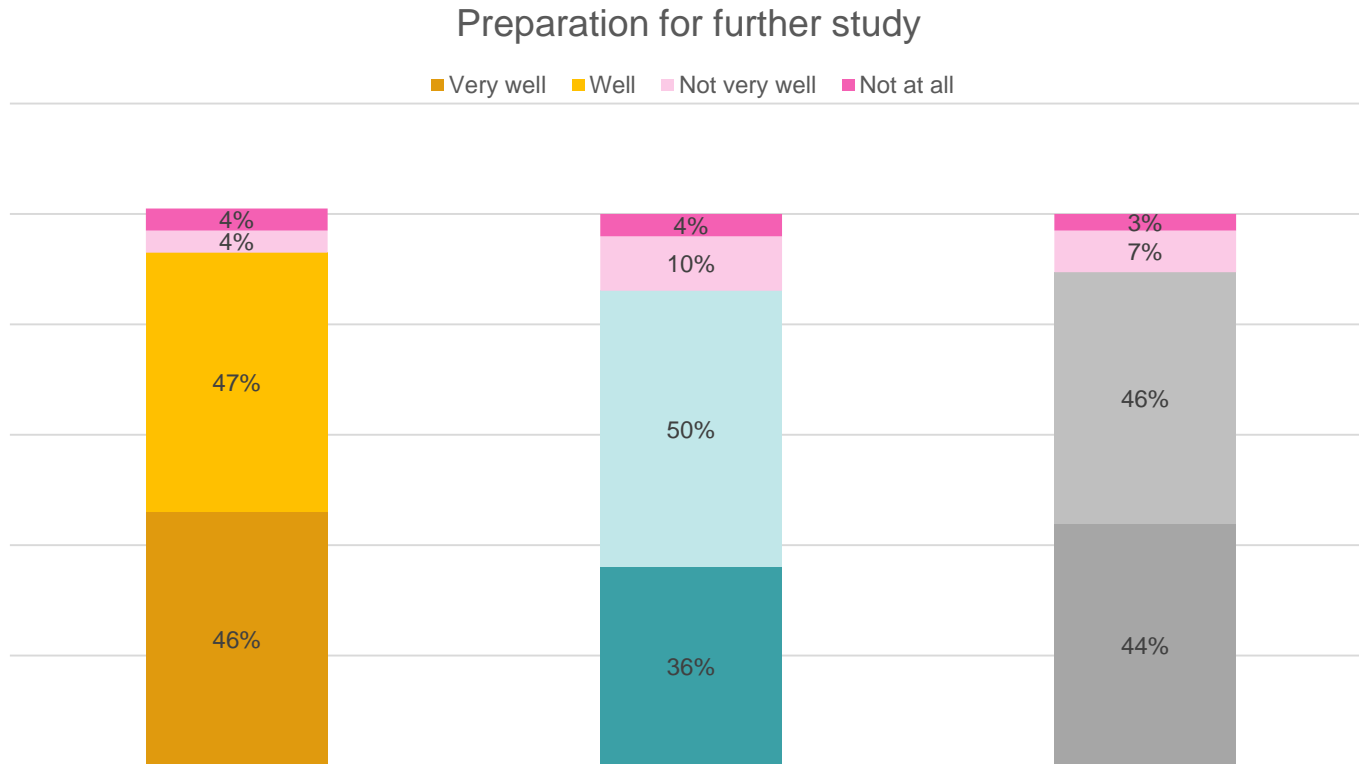


Preparation for self employment / starting own business: very well or well



Tech Industry Gold graduates were more likely than those of any other subject area to feel their degree prepared them 'very well' or 'well' for self employment / starting a business.

Preparation for future study



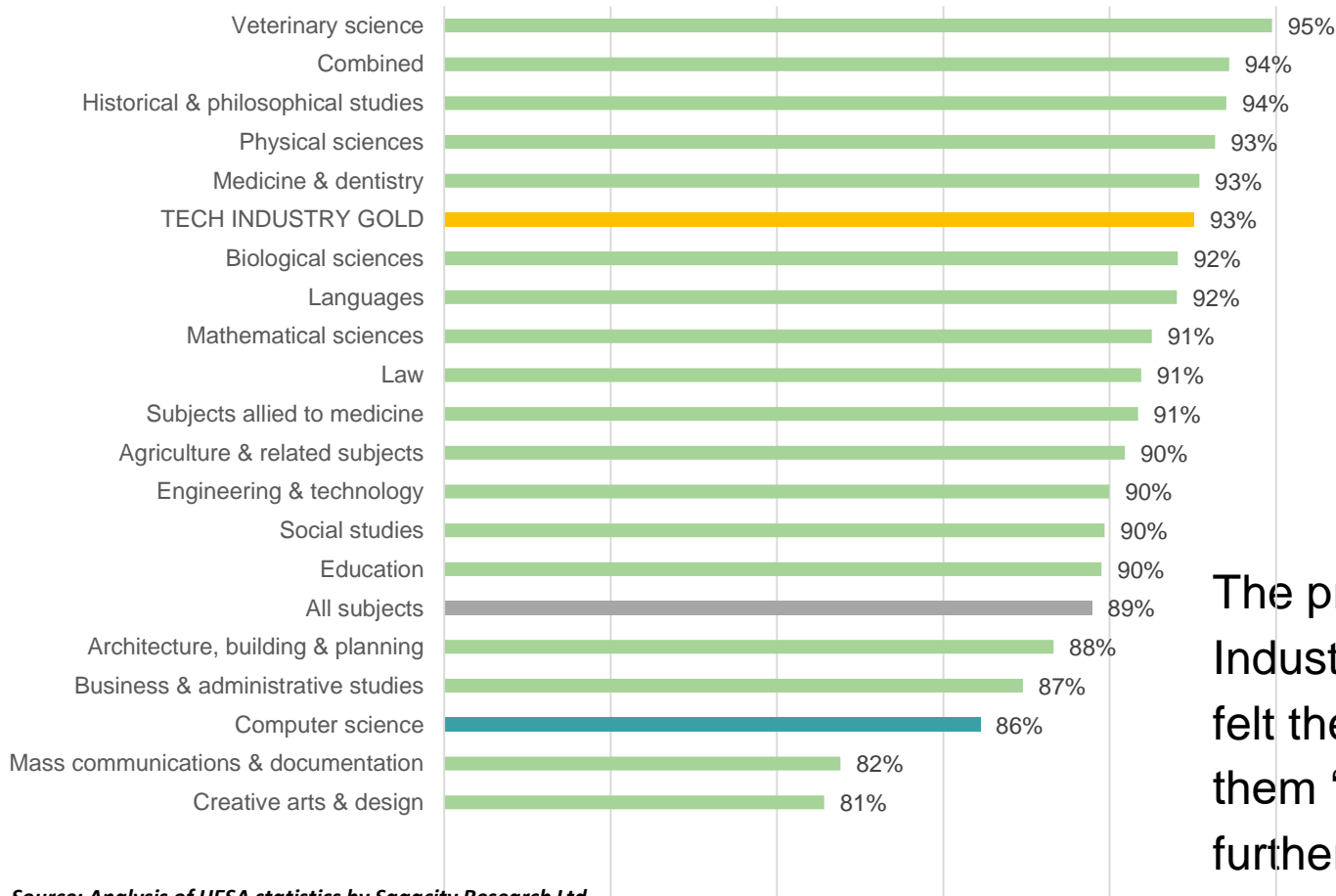
93% of Tech Industry Gold graduates felt their degree prepared them ‘very well’ (46%) or ‘well’ (47%) for further study.

This compared to 86% for Computer Science overall (‘very well’ 36%, ‘well’ 50%)

Preparation for further study



Preparation for further study: very well or well



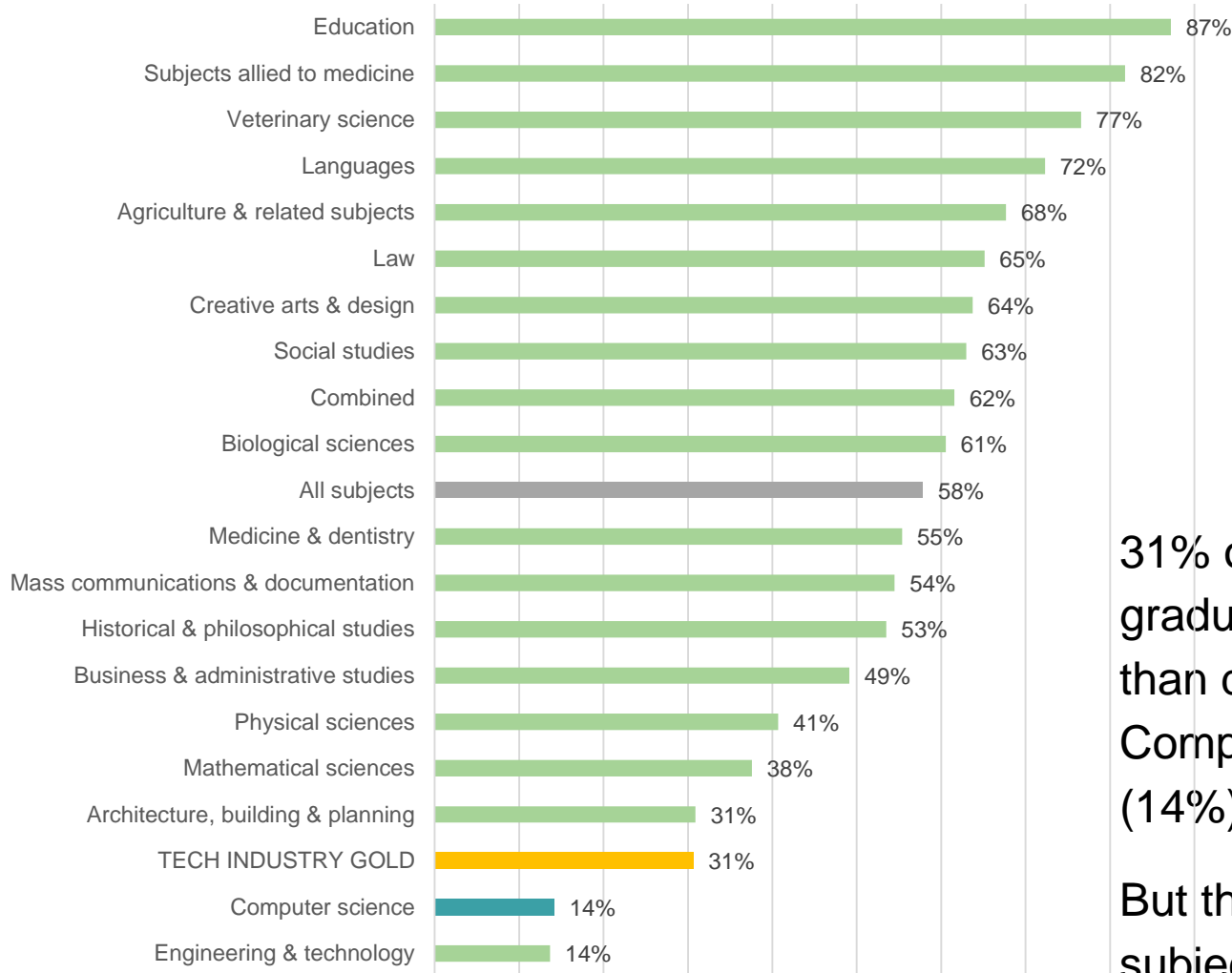
Source: Analysis of HESA statistics by Sagacity Research Ltd

The proportion of Tech Industry Gold graduates who felt their degree prepared them 'very well' or 'well' for further study, was on a par with medicine & dentistry.

Inclusion - gender



Female representation amongst HE qualifiers



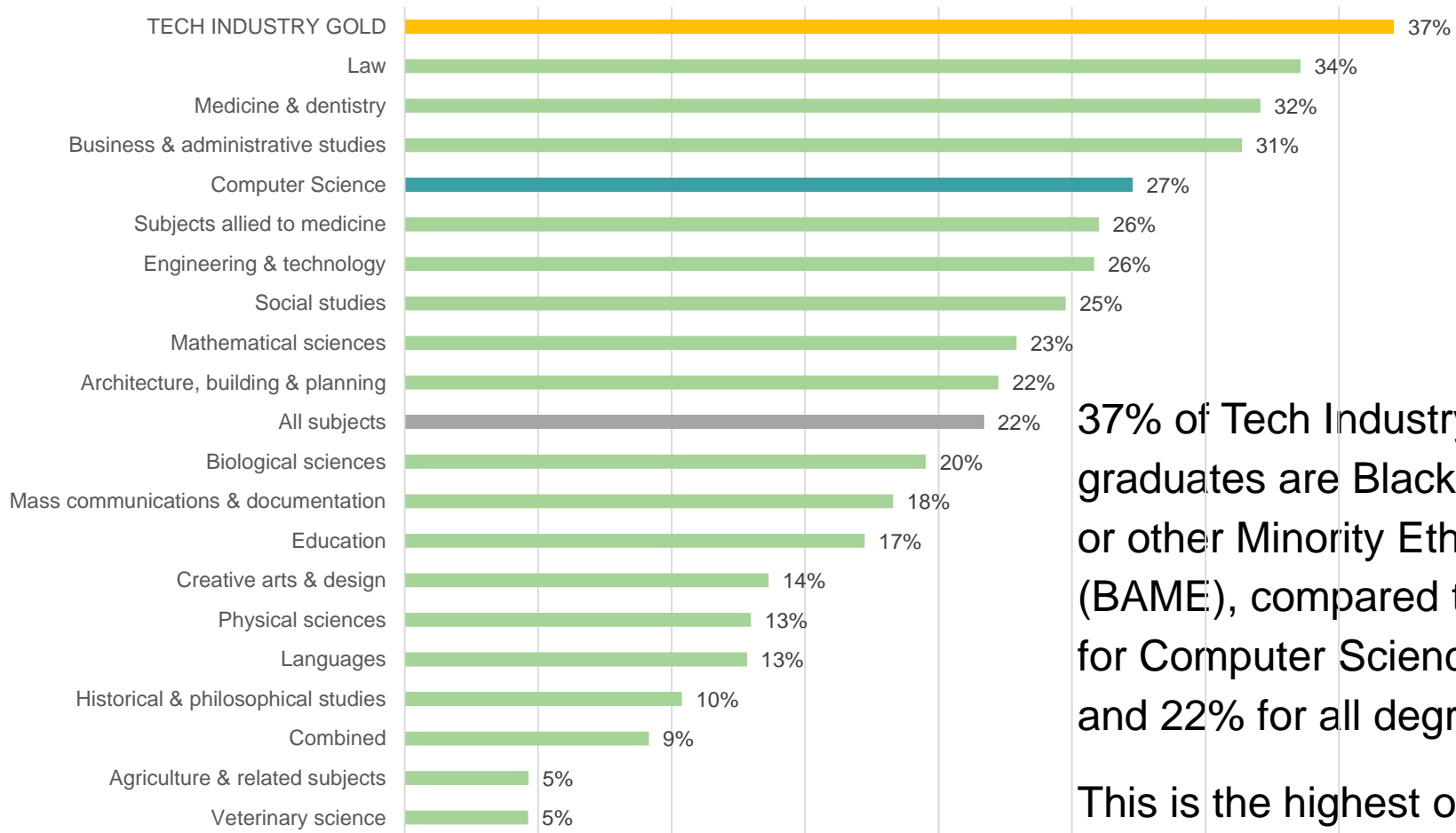
31% of Tech Industry Gold graduates are female, more than double the proportion for Computer Science overall (14%).

But this is still far short of the all subjects average of 58%.

Inclusion - ethnicity



Percentage of qualifiers identifying as Black, Asian or other Minority Ethnic



37% of Tech Industry Gold graduates are Black, Asian or other Minority Ethnic (BAME), compared to 27% for Computer Science overall and 22% for all degrees.

This is the highest of all subject areas.

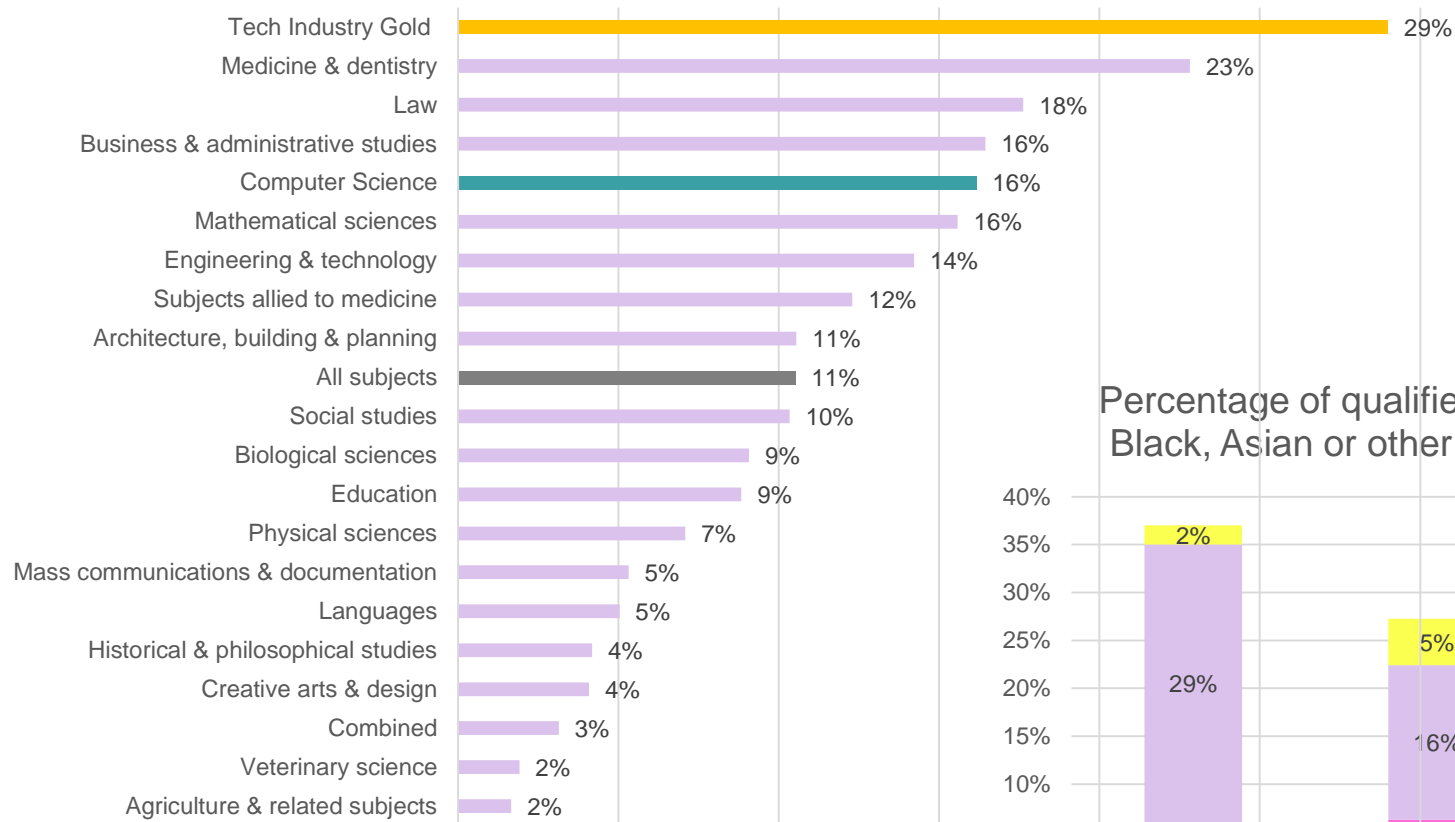
Source: Analysis of HESA statistics by Sagacity Research Ltd

Inclusion - ethnicity

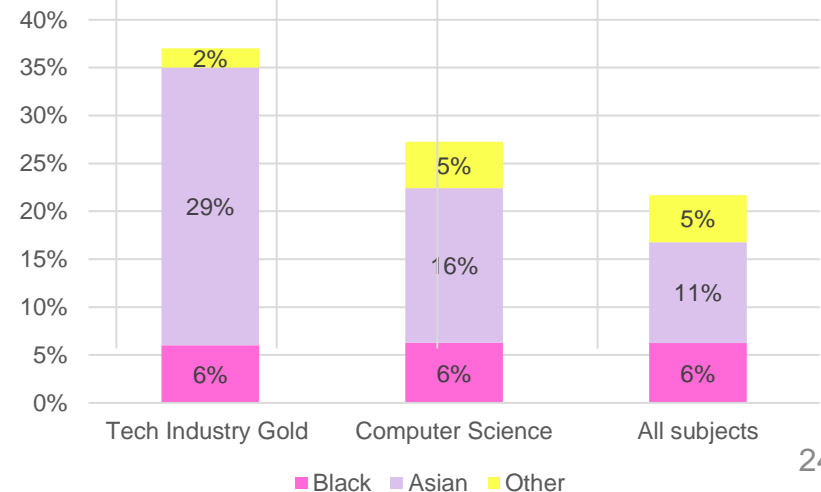


Tech Industry Gold degrees have the highest proportion of Asian people of all subject areas, followed by medicine & dentistry and then law.

Percentage of qualifiers identifying as Asian



Percentage of qualifiers identifying as Black, Asian or other Minority Ethnic



Summary of key measures



On every key measure, Tech Industry Gold accredited degrees significantly outperform Computer Science overall and (other than gender) all degrees overall. They also outperform most of the 19 subject areas on every measure except gender.

Measure		Tech Industry Gold (TIG)	All Computer Science	All subjects	Tech Industry Gold v. all 19 subject areas	
					TIG rank	Better performers
OUTCOMES						
Academic	% with 1sts or 2:1s	84%	70%	72%	1 (joint)	• None
Employment	% unemployed	3%	8%	4%	5	<ul style="list-style-type: none"> • Medicine & dentistry (0%) • Veterinary (1%) • Allied to medicine (1%) • Education (2%)
Salary	% £25k or more 6 months after graduation	50%	37%	27%	4	<ul style="list-style-type: none"> • Medicine & dentistry (91%) • Veterinary (81%) • Engineering & technology (59%)
PREPARATION FOR THE FUTURE						
Employment	% very well or well	93%	82%	81%	2	• Medicine & dentistry (97%)
Starting a business	% very well or well	66%	51%	42%	1	• None
Further study	% very well or well	93%	86%	90%	4 (joint)	<ul style="list-style-type: none"> • Veterinary (95%) • Combined subjects (94%) • Historical & philosophical (94%)
INCLUSION						
Gender	% female	31%	14%	58%	18	All EXCEPT <ul style="list-style-type: none"> • Computer Science (14%) • Engineering & technology (14%)
Ethnicity	% BAME	37%	27%	22%	1	• None

Tech Industry Gold results



DATA SOURCES AND DEFINITIONS

❖ DEGREES

- **HESA Student Record 2016/17; HESA DLHE Record 2016/17**

(Released September 2018 - 2017 qualifiers)

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- **Filters:** first degree, UK domicile, salary data excludes in excess of £70,000 p.a.
- **Categorisation:**
 - Tech Industry Gold (TIG) = all Tech Industry Gold degrees, all UK universities
 - Computer Science (CS) = all Computer Sciences (HESA JACS code I), all UK universities (including Tech Industry Gold)
 - All subjects = all degree subjects, all UK universities (including Computer Sciences)

Analysis undertaken by Sagacity Research, December 2018

❖ DEGREE APPRENTICESHIPS

- Annual reports to Tech Partnership Degrees from universities, 2017 and 2018 qualifiers

SECTION 3: BENEFITS TO KEY PARTIES



❖ University benefits

❖ Employer benefits

❖ Student benefits

Tech Industry Gold university benefits



- » **Exceptional academic results**, with 84% of students gaining 1sts or 2:1s, compared to 70% for computer sciences overall.
- » **Outstanding employment outcomes:**
 - Lower unemployment than all subject areas except medical / veterinary subjects and education.
 - Better preparation for starting your own business than any other subject area, including business.
- » **Greater inclusivity**
 - Gender: more than double the proportion of females compared to Computer Science overall.
 - Ethnicity: highest BAME proportion of all subject areas.
- » Unique **access to industry**: collaboration with leading employers for programme design and delivery, access to rapidly growing new markets.
- » Direct contribution to **HESA** statistics and Teaching Excellence and Student Outcomes Framework (**TEF**) assessments.

About university / employer collaboration



- ▶ The Tech Industry Gold University Network is a unique knowledge-sharing forum:
 - collaboration with industry on the evolution of degree provision;
 - active employer support for degree delivery – events, lectures, masterclasses, competitions;
 - access to unrivalled expertise on degree apprenticeship standards and their implementation.
- ▶ Better access to new markets: leading employers prefer or will only use degree apprenticeship programmes which are accredited as Tech Industry Gold, including:

accenture

CISCO

CGI

Deloitte.

IBM

LLOYDS
BANKING
GROUP

nct

quicksilver

sas

TATA
CONSULTANCY
SERVICES

Telefonica

The Tech Industry Gold difference



University performance...

“The Tech Partnership Degrees partnership has been instrumental in UWE obtaining outstanding NSS overall student satisfaction and employability results (both most recently 100%) for its Tech Industry Gold IT Management for Business (ITMB) programme.

The high level of employer involvement helps to consolidate the topics and subjects covered by the award, to broaden the context of study for the students through exposure to contemporary applications, and to inspire them to see their education as a powerful force in their personal and professional development. As a result, graduates are knowledgeable, capable and highly employable.”

KEVIN DOYLE, COURSE DIRECTOR, UNIVERSITY OF THE WEST OF ENGLAND

New markets...

“As a university, we have gained a great deal by ensuring our courses are industry accredited as Tech Industry Gold. Our programmes are used by companies such as Barclays, Lloyds Bank and Astra Zeneca as well as many small local businesses. We have seen rapidly increasing uptake, with 150 students starting this year”.

**ROBIN JOHNSON, COURSE DIRECTOR,
MANCHESTER METROPOLITAN UNIVERSITY**

Employability...

“CGI has been actively engaged in helping to design the standards, supporting delivery and collaborating with employers across the economy to build industry accredited degrees for many years now. The benefits of this industry involvement is demonstrated by the exceptional level of graduates entering our workforce”.

**JULIA MCDONALD, DIRECTOR OF
RECRUITMENT, CGI**

Tech Industry Gold employer benefits



- ❖ Easy access to **outstanding graduates**, equipped with the business, technical and interpersonal skills to hit the ground running.
- ❖ **Early talent spotting** through regular student / employer events and work experience.
- ❖ **Confidence in choice** of degree apprenticeships: Tech Industry Gold accreditation identifies programmes that meet industry standards.
- ❖ Peer to peer **collaboration** across industry and academia to share insights, and to influence and support degree provision across the UK.

“As an employer looking for ideal graduates, I have been involved with the Tech Industry Gold degrees since the start and recommend them most highly as unique employer-led degrees. They really do provide students with a fast start into the competitive graduate marketplace”.

JENNY TAYLOR, GRADUATE, APPRENTICESHIP AND STUDENT PROGRAMME LEADER, IBM

Tech Industry Gold degree student benefits

- ▶ **Exceptional academic results**, with 84% of students gaining 1sts or 2:1s, compared to 70% for Computer Science overall.
- ▶ **Outstanding employment outcomes**, better than all degrees subject areas except medical / veterinary subjects and education. Tech Industry Gold courses are designed by employers to provide the best possible career prospects.
- ▶ **High salaries**: these programmes balance business, technical and interpersonal skills to maximise value to employers. 50% of graduates earn £25k p.a. or more six months after graduation, compared to 27% for all graduates.
- ▶ **Excellent preparation for the future**: unique access to employers throughout the course, and rated by students as better than all other degree subject areas as preparation for self employment / starting a business.

“I would not be where I am now without the many mentors (informally and formally) that have helped me along the way.”

RYAN CLIFFORD, TECH INDUSTRY GOLD GRADUATE - NOW API PRODUCT MANAGER, BARCLAYS

“What I loved most about my course is its ability to bring together the worlds of business and technology, and show how both interact.”

LIAM JACK, TECH INDUSTRY GOLD GRADUATE - NOW BUSINESS CONSULTANT, IBM iX