



# Cheshire and Warrington Engineering

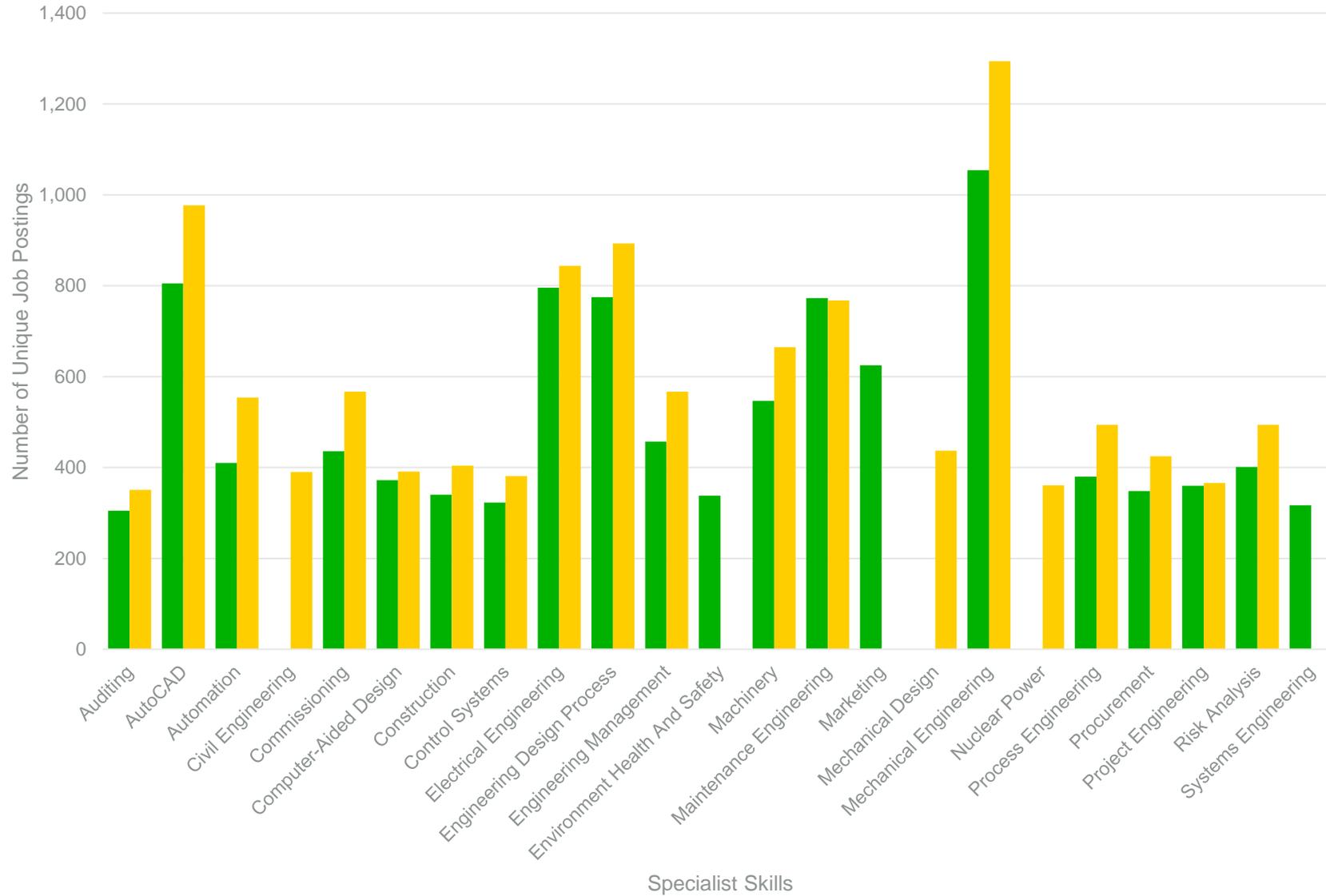
Analysis of current skills (specialist, employability and digital)

1st April 2021 – 31st March 2022 compared to  
1st April 2022 – 31st March 2023

Source: Lightcast 23/05/2023

To be used with caution, especially where the job postings are for a lower number of vacancies. For example in the period April 2021 to March 2022 2021-2022 for manufacturing occupations there were 4,884 postings compared to 12,328 for Information Technology, 18,029 for healthcare including nursing and 143,851 for All occupations

## Top 20 Specialist Skills in Job Postings in Cheshire and Warrington - Engineering



■ Cheshire and Warrington Unique Postings  
2021-2022 (from 7,530 job postings)

■ Cheshire and Warrington Unique Postings  
2022-2023 (from 8,596 job postings)

\* Please note the need for caution when interpreting this data, especially when the number of job postings is low.

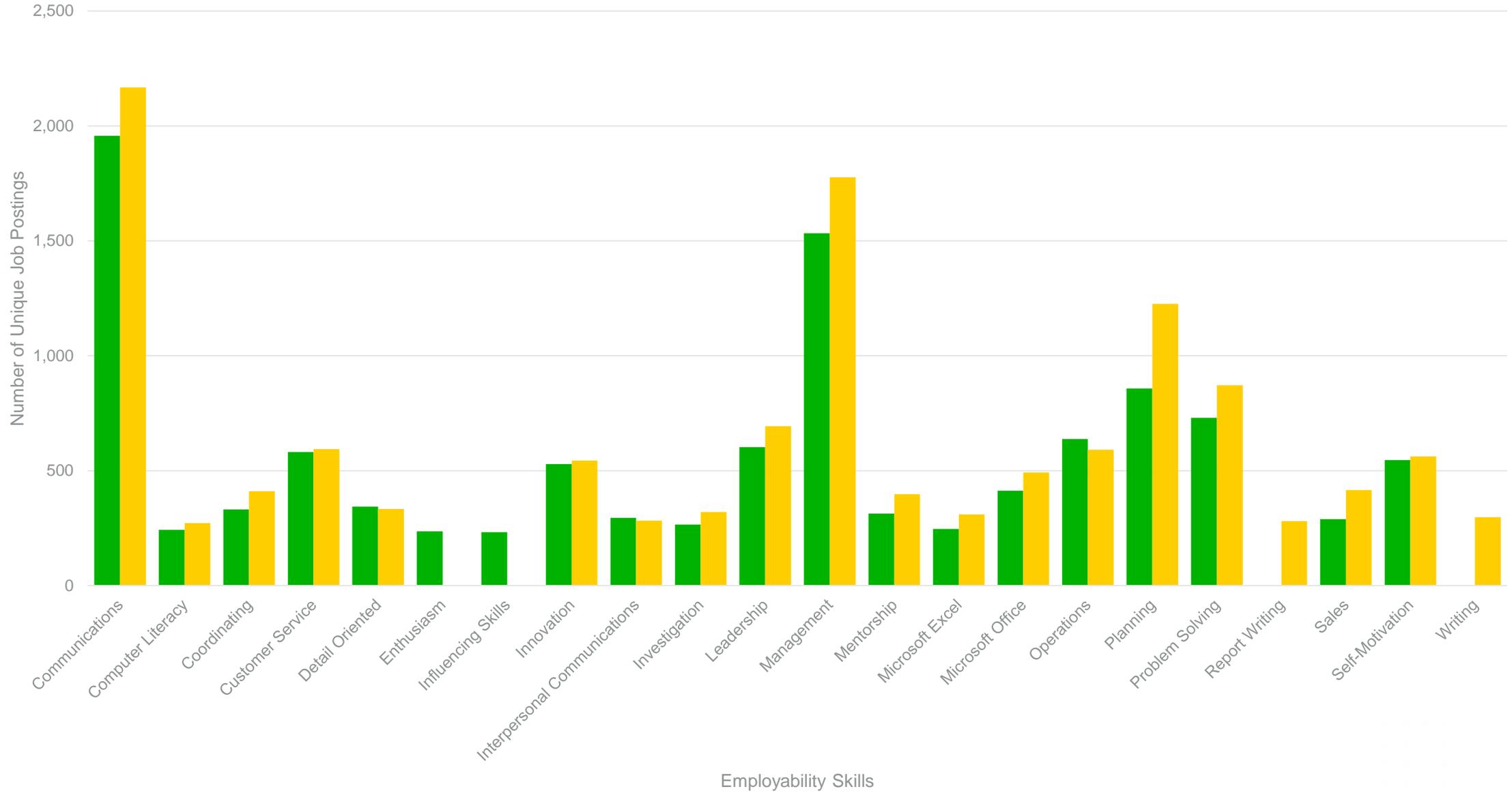
## Top 20 Specialist Skills Specified in Job Adverts in Cheshire and Warrington – Engineering\*

Top Specialised Skills	Cheshire and Warrington Unique Postings 2021-2022 (from 7,530 job postings)	National Average 2021-2022	Cheshire and Warrington Unique Postings 2022-2023 (from 8,596 job postings)	National Average 2022-2023
Auditing	305	259	351	367
AutoCAD	805	483	977	571
Automation	410	252	554	311
Civil Engineering			390	378
Commissioning	436	240	567	305
Computer-Aided Design	372	299	391	363
Construction	340	247	404	315
Control Systems	323	176	381	217
Electrical Engineering	796	579	844	763
Engineering Design Process	775	360	893	406
Engineering Management	457	263	567	332
Environment Health And Safety	338	175		
Machinery	547	491	665	574
Maintenance Engineering	773	679	768	758
Marketing	625	430		
Mechanical Design			437	343
Mechanical Engineering	1,054	648	1,294	843
Nuclear Power			361	30
Process Engineering	380	153	494	199
Procurement	348	218	425	308
Project Engineering	360	260	366	343
Risk Analysis	401	319	494	400
Systems Engineering	317	234		



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# Top 20 Employability Skills in Job Postings in Cheshire and Warrington - Engineering



■ Cheshire and Warrington Unique Postings  
2021-2022 (from 7,530 job postings)

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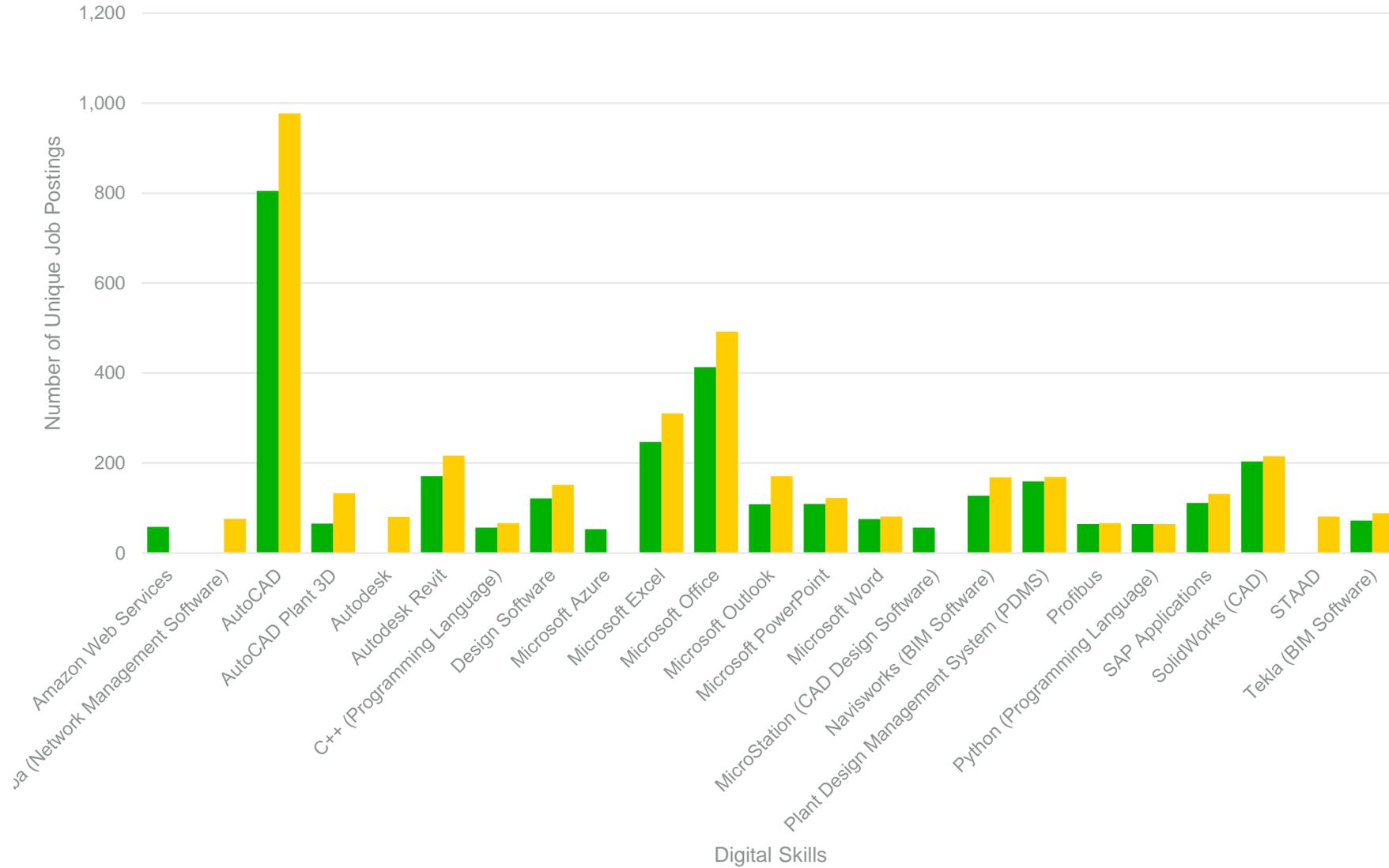
## Top 20 Employability Skills Specified in Job Adverts in Cheshire and Warrington – Engineering\*

Top Employability Skills	Cheshire and Warrington Unique Postings 2021-2022 (from 7,530 job postings)	National Average 2021-2022	Cheshire and Warrington Unique Postings 2022-2023 (from 8,596 job postings)	National Average 2022-2023
Communications	1,957	1,532	2,168	1,935
Computer Literacy	243	168	272	222
Coordinating	332	171	411	239
Customer Service	581	535	594	673
Detail Oriented	344	343	333	458
Enthusiasm	236	176		
Influencing Skills	232	157		
Innovation	529	342	544	450
Interpersonal Communications	295	207	282	277
Investigation	265	169	320	231
Leadership	603	381	693	509
Management	1,533	1,063	1,777	1,367
Mentorship	314	228	398	303
Microsoft Excel	247	194	310	263
Microsoft Office	413	230	492	308
Operations	638	472	591	637
Planning	858	598	1,226	804
Problem Solving	730	597	872	802
Report Writing			281	202
Sales	289	292	416	431
Self-Motivation	546	379	562	479
Writing			298	242



\* Please note the need for caution when interpreting this data, especially when the number of job postings is low.

## Top 20 Digital Skills in Job Postings in Cheshire and Warrington - Engineering



■ Cheshire and Warrington Unique Postings  
2021-2022 (from 7,530 job postings)

■ Cheshire and Warrington Unique Postings  
2022-2023 (from 8,596 job postings)



\* Please note the need for caution when interpreting this data, especially when the number of job postings is low.

## Top 20 Digital Skills Specified in Job Adverts in Cheshire and Warrington – Engineering\*

Top Digital Skills	Cheshire and Warrington Unique Postings 2021-2022 (from 7,530 job postings)	National Average 2021-2022	Cheshire and Warrington Unique Postings 2022-2023 (from 8,596 job postings)	National Average 2022-2023
Amazon Web Services	58	68		
Aruba (Network Management Software)			76	36
AutoCAD	805	483	977	571
AutoCAD Plant 3D	65	6	133	10
Autodesk			80	42
Autodesk Revit	171	147	216	177
C++ (Programming Language)	56	77	66	82
Design Software	121	71	151	98
Microsoft Azure	53	54		
Microsoft Excel	247	194	310	263
Microsoft Office	413	230	492	308
Microsoft Outlook	108	93	171	122
Microsoft PowerPoint	109	87	122	119
Microsoft Word	75	60	81	78
MicroStation (CAD Design Software)	56	22		
Navisworks (BIM Software)	127	22	168	30
Plant Design Management System (PDMS)	159	7	169	12
Profibus	64	11	66	13
Python (Programming Language)	64	140	64	163
SAP Applications	111	70	131	92
SolidWorks (CAD)	203	188	215	229
STAAD			81	10
Tekla (BIM Software)	72	39	88	49



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