

## Skill Spotlight

There are (8,914 job postings) between (Jan. 01, 2018 - Aug. 26, 2018 (Data not available after Aug. 23, 2018)) in your area for the selected criteria.

## Active Selections

Year to date AND ( State : Kentucky ) AND ( BGTOCC Family : Information Technology )

## What skills are most in demand?

The following skills are requested most frequently in these occupations (Specialized Skills)

Occupation		Job Postings	
<b>Software Developers, Applications</b>		<b>2,220</b>	
Skills	Job Posting	Skills	Job Posting
SQL	958	Microsoft C#	562
Software Development	642	Software Engineering	426
JavaScript	621	SQL Server	381
Java	607	Object-Oriented Analysis and Design (OOAD)	357
.NET	564	Oracle	306
<b>Computer User Support Specialists</b>		<b>1,230</b>	
Skills	Job Posting	Skills	Job Posting
Technical Support	685	Microsoft Active Directory	273
Customer Service	420	Hardware and Software Installation	206
Help Desk Support	377	It Support	168
Repair	310	Troubleshooting Technical Issues	168
Printers	299	Computer Installation and Setup	141
<b>Information Technology Project Managers</b>		<b>570</b>	
Skills	Job Posting	Skills	Job Posting
Project Management	320	Scheduling	106
Budgeting	167	Microsoft Project	75
Project Planning and Development Skills	139	Systems Development Life Cycle (SDLC)	73
Scrum	126	Scrum Master	67
Software Development	111	Customer Service	61
<b>Network and Computer Systems Administrators</b>		<b>561</b>	
Skills	Job Posting	Skills	Job Posting
System Administration	286	Windows Server	114
Technical Support	142	Cisco	104
VMware	139	Network Administration	104
Linux	133	Routers	97
Microsoft Active Directory	125	Wide Area Network (WAN)	95

Computer Systems Engineers/Architects		536	
<b>Skills</b>	<b>Job Posting</b>	<b>Skills</b>	<b>Job Posting</b>
Systems Engineering	151	Linux	64
Project Management	83	Cisco	63
SQL	83	Microsoft Active Directory	61
VMware	65	Software Development	60
Customer Service	64	Java	58
Web Developers		452	
<b>Skills</b>	<b>Job Posting</b>	<b>Skills</b>	<b>Job Posting</b>
Web Development	230	.NET	79
JavaScript	166	Java	79
SQL	155	Microsoft C#	79
HTML5	94	Object-Oriented Analysis and Design (OOAD)	76
Web Site Design	92	Software Development	67
Computer Systems Analysts		444	
<b>Skills</b>	<b>Job Posting</b>	<b>Skills</b>	<b>Job Posting</b>
Systems Analysis	116	Business Systems Analysis	91
Project Management	111	Business Analysis	86
SQL	109	Technical Support	79
Information Systems	102	Business Systems	78
Business Process	101	Customer Service	61
Database Administrators		373	
<b>Skills</b>	<b>Job Posting</b>	<b>Skills</b>	<b>Job Posting</b>
SQL	196	Database Design	61
Database Administration	168	Extraction Transformation and Loading (ETL)	52
Teradata DBA	136	Data Warehousing	50
SQL Server	109	Microsoft Sql Server Integration Services (SSIS)	49
Oracle	88	Database Management	45
Information Security Analysts		340	
<b>Skills</b>	<b>Job Posting</b>	<b>Skills</b>	<b>Job Posting</b>
Information Security	185	Customer Service	39
Information Systems	93	Cryptography	38
Project Management	56	Budgeting	33
Network Security	52	Linux	33
Cisco	42	Risk Management	32

Software Quality Assurance Engineers and Testers		328	
<b>Skills</b>	<b>Job Posting</b>	<b>Skills</b>	<b>Job Posting</b>
Quality Assurance and Control	243	Software Quality Assurance	45
Selenium	63	Project Management	41
SQL	58	Java	33
Quality Management	48	Atlassian JIRA	30
Software Development	48	Customer Service	29
Computer Programmers		284	
<b>Skills</b>	<b>Job Posting</b>	<b>Skills</b>	<b>Job Posting</b>
SQL	64	JavaScript	31
Microsoft C#	48	Software Development	25
Java	47	ASP.NET	21
.NET	38	Active Server Pages (ASP)	21
Customer Service	35	Object-Oriented Analysis and Design (OOAD)	21
Computer Network Architects		269	
<b>Skills</b>	<b>Job Posting</b>	<b>Skills</b>	<b>Job Posting</b>
Network Engineering	127	Virtual Private Networking (VPN)	50
Cisco	100	Customer Service	48
Routers	64	Project Management	45
Wide Area Network (WAN)	56	Network Troubleshooting	43
Cisco Switching	52	Technical Support	41
Graphic Designers		224	
<b>Skills</b>	<b>Job Posting</b>	<b>Skills</b>	<b>Job Posting</b>
Graphic Design	133	Adobe Creative Suite	78
Adobe Photoshop	116	Customer Service	37
Adobe Indesign	94	Social Media	33
Adobe Illustrator	93	Project Management	27
Adobe Acrobat	79	Web Site Design	26
Business Intelligence Analysts		194	
<b>Skills</b>	<b>Job Posting</b>	<b>Skills</b>	<b>Job Posting</b>
SQL	75	Enterprise Resource Planning (ERP)	25
Project Management	54	Data Warehousing	20
Business Intelligence	45	Information Systems	20
Data Analysis	30	Relational Databases	20
Business Process	25	Tableau	20

Database Architects		139	
Skills	Job Posting	Skills	Job Posting
SQL	53	Data Analysis	27
Data Architecture	40	Data Modeling	27
Data Warehousing	37	Data Transformation	27
Extraction Transformation and Loading (ETL)	33	Project Management	25
Relational Databases	30	Data Governance	23
Computer Network Support Specialists		130	
Skills	Job Posting	Skills	Job Posting
Technical Support	31	System/Network Configuration	20
Network Support	29	Hardware and Software Installation	19
Project Management	24	Network Administration	18
Repair	22	Customer Service	17
Network Troubleshooting	21	Routers	17
Data Warehousing Specialists		109	
Skills	Job Posting	Skills	Job Posting
SQL	27	Data Quality	16
Data Management	23	Project Management	14
Data Warehousing	21	Customer Service	13
Extraction Transformation and Loading (ETL)	21	Data Governance	13
Data Analysis	17	Data Entry	12
Computer and Information Systems Managers		78	
Skills	Job Posting	Skills	Job Posting
Budgeting	24	Staff Management	11
Information Systems	15	Quality Assurance and Control	10
Project Management	14	Customer Service	9
Scheduling	12	Microsoft Sharepoint	8
Technical Support	12	Performance Analysis	8
Computer Occupations, All Other		66	
Skills	Job Posting	Skills	Job Posting
Project Management	23	Account Management	9
Customer Service	20	Citrix	9
SQL	13	Enterprise Resource Planning (ERP)	9
Business Consulting	12	It Support	9
Technical Support	11	Knowledge Management	9

Computer and Information Research Scientists		61	
Skills	Job Posting	Skills	Job Posting
Data Science	49	Data Mining	22
Machine Learning	30	Data Analysis	19
SQL	27	SAS	18
Python	26	R	17
Predictive Models	23	Data Visualization	13
Medical Records and Health Information Technicians		55	
Skills	Job Posting	Skills	Job Posting
Epic Systems	27	Information Systems	9
Meditech	13	Systems Analysis	9
Electronic Medical Records	10	ClinDoc	8
Application Support	9	Knowledge of Clinical Applications	8
Electronic Health Records	9	Data Conversion	6
Telecommunications Engineering Specialists		55	
Skills	Job Posting	Skills	Job Posting
Telecommunications	24	Network Operations Center (NOC)	10
Customer Service	23	Repair	10
Cisco	17	Scheduling	10
Technical Support	15	Unified Communications	8
Network Operations & Service Management	11	Customer Contact	7
Computer Operators		45	
Skills	Job Posting	Skills	Job Posting
Mainframe	17	UNIX	9
Technical Support	14	ISO Standards	7
Scheduling	13	Job Control Language (JCL)	7
ITIL	10	Linux	7
Printers	10	MVS	7
Security Management Specialists		40	
Skills	Job Posting	Skills	Job Posting
Performance Analysis	9	Policy Implementation	5
Joint Personnel Adjudication System (JPAS)	7	Security Operations	5
Information Security	6	Criminal Justice	4
Microsoft Active Directory	6	Information Systems	4
Customer Service	5	Urinalysis	4

Software Developers, Systems Software		35	
Skills	Job Posting	Skills	Job Posting
SQL	12	.NET	7
Software Development	12	Microsoft SQL	7
Oracle	10	Project Management	7
Linux	9	UNIX	7
Software Engineering	9	C++	6

Unclassified postings: 152

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## Active Selections

Year to date AND ( State : Kentucky ) AND ( BGTOCC Family : Information Technology )

The following skills are requested most frequently in these industries (Specialized Skills)

Industry Sector		Job Postings	
<b>Professional, Scientific, and Technical Services</b>		<b>1,567</b>	
Skills	Job Posting	Skills	Job Posting
SQL	406	Customer Service	247
Technical Support	328	Java	203
Software Development	269	Oracle	188
Information Technology Industry Knowledge	268	JavaScript	187
Project Management	262	.NET	175
<b>Finance and Insurance</b>		<b>984</b>	
Skills	Job Posting	Skills	Job Posting
SQL	298	Information Security	103
Project Management	227	JavaScript	96
Software Development	130	Data Analysis	94
Information Systems	129	SQL Server	91
Business Process	113	Oracle	85
<b>Manufacturing</b>		<b>604</b>	
Skills	Job Posting	Skills	Job Posting
Project Management	115	Software Engineering	57
Technical Support	95	Java	51
SQL	90	Microsoft C#	51
Customer Service	82	Repair	50
Software Development	81	Information Systems	48
<b>Educational Services</b>		<b>365</b>	
Skills	Job Posting	Skills	Job Posting
Technical Support	66	Web Development	39
SQL	56	Information Systems	38
Customer Service	53	Software Development	36
Hypertext Preprocessor (PHP)	41	Graphic Design	31
JavaScript	39	Project Management	31

Health Care and Social Assistance		354	
<b>Skills</b>	<b>Job Posting</b>	<b>Skills</b>	<b>Job Posting</b>
Information Systems	76	Patient Care	43
Technical Support	54	System Administration	40
Project Management	51	Systems Analysis	39
SQL	51	Help Desk Support	30
Customer Service	49	Microsoft Active Directory	28
Retail Trade		257	
<b>Skills</b>	<b>Job Posting</b>	<b>Skills</b>	<b>Job Posting</b>
Customer Service	86	Scheduling	31
Repair	64	SQL	26
Customer Contact	36	Technical Support	26
Retail Industry Knowledge	35	Brand Experience	23
Project Management	32	Consumer Electronics	22
Information		234	
<b>Skills</b>	<b>Job Posting</b>	<b>Skills</b>	<b>Job Posting</b>
Customer Service	43	Software Development	31
SQL	40	Java	29
Project Management	36	Linux	27
Cisco	34	Telecommunications	27
Customer Contact	31	JavaScript	24
Public Administration		221	
<b>Skills</b>	<b>Job Posting</b>	<b>Skills</b>	<b>Job Posting</b>
Information Systems	42	SQL	28
Systems Analysis	37	Business Administration	27
Performance Analysis	30	Scheduling	23
Technical Support	30	JavaScript	22
Customer Service	29	Information Technology Industry Knowledge	21
Administrative and Support and Waste Management and Remediation Services		182	
<b>Skills</b>	<b>Job Posting</b>	<b>Skills</b>	<b>Job Posting</b>
Technical Support	82	Troubleshooting Technical Issues	24
Customer Service	63	Microsoft C#	21
Hardware and Software Configuration	57	.NET	19
Customer Contact	56	Java	17
SQL	28	Help Desk Support	16



Transportation and Warehousing		177	
Skills	Job Posting	Skills	Job Posting
SQL	44	Information Systems	23
Project Management	32	Technical Support	22
Project Planning and Development Skills	32	Java	20
Web Development	28	.NET	18
Scheduling	27	Quality Assurance and Control	18

Unclassified postings: 3,670

## Skill Spotlight

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### Active Selections

Year to date AND ( State : Kentucky ) AND ( BGTOCC Family : Information Technology )

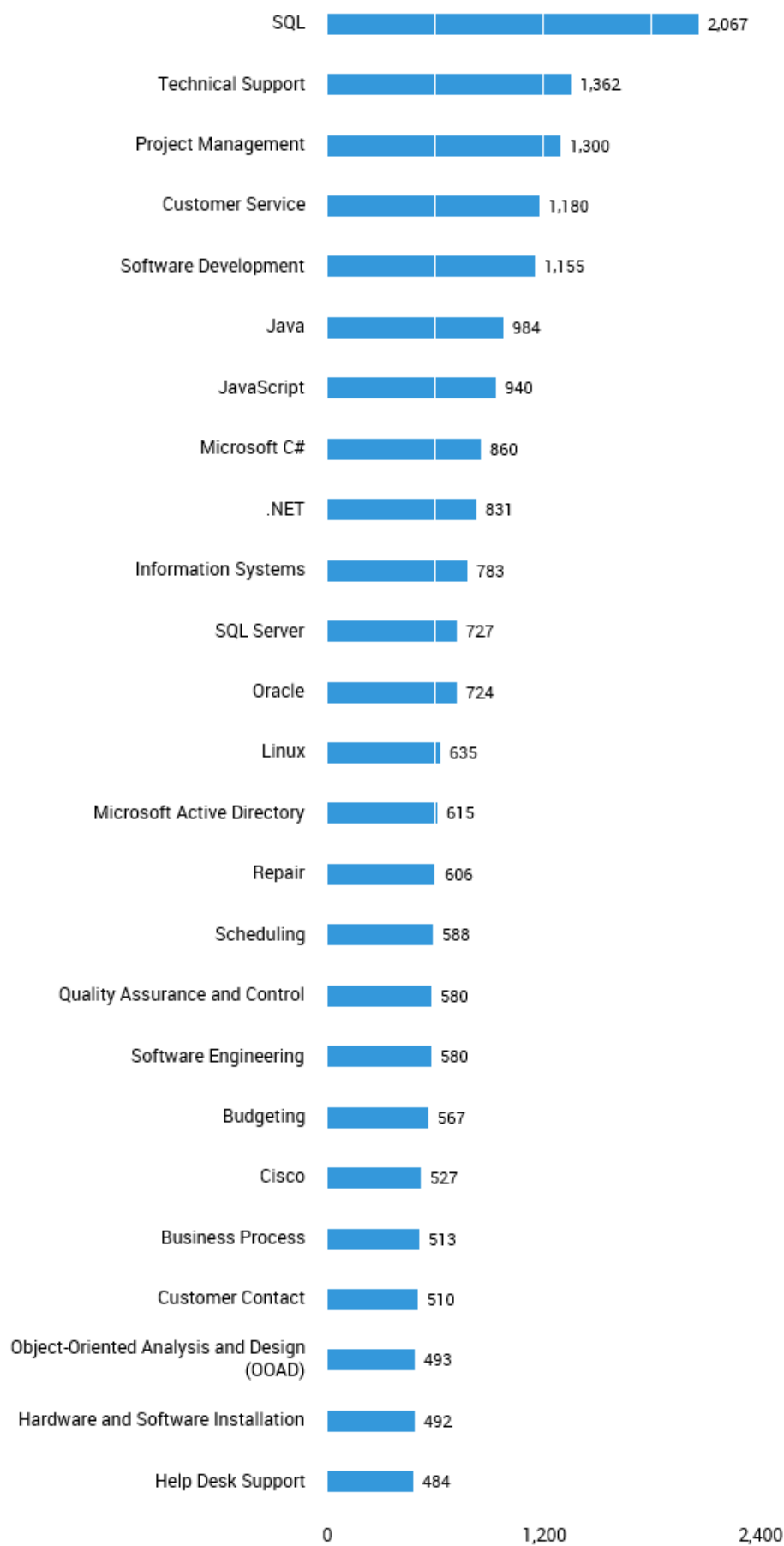
## What co-occurring skills or credentials are needed for jobs?

### The following skills are most requested (Specialized Skills)

Jan. 01, 2018 - Aug. 26, 2018 (Data not available after Aug. 23, 2018)

There are 8,914 postings available with the current filters applied.

There are 691 unspecified or unclassified postings.



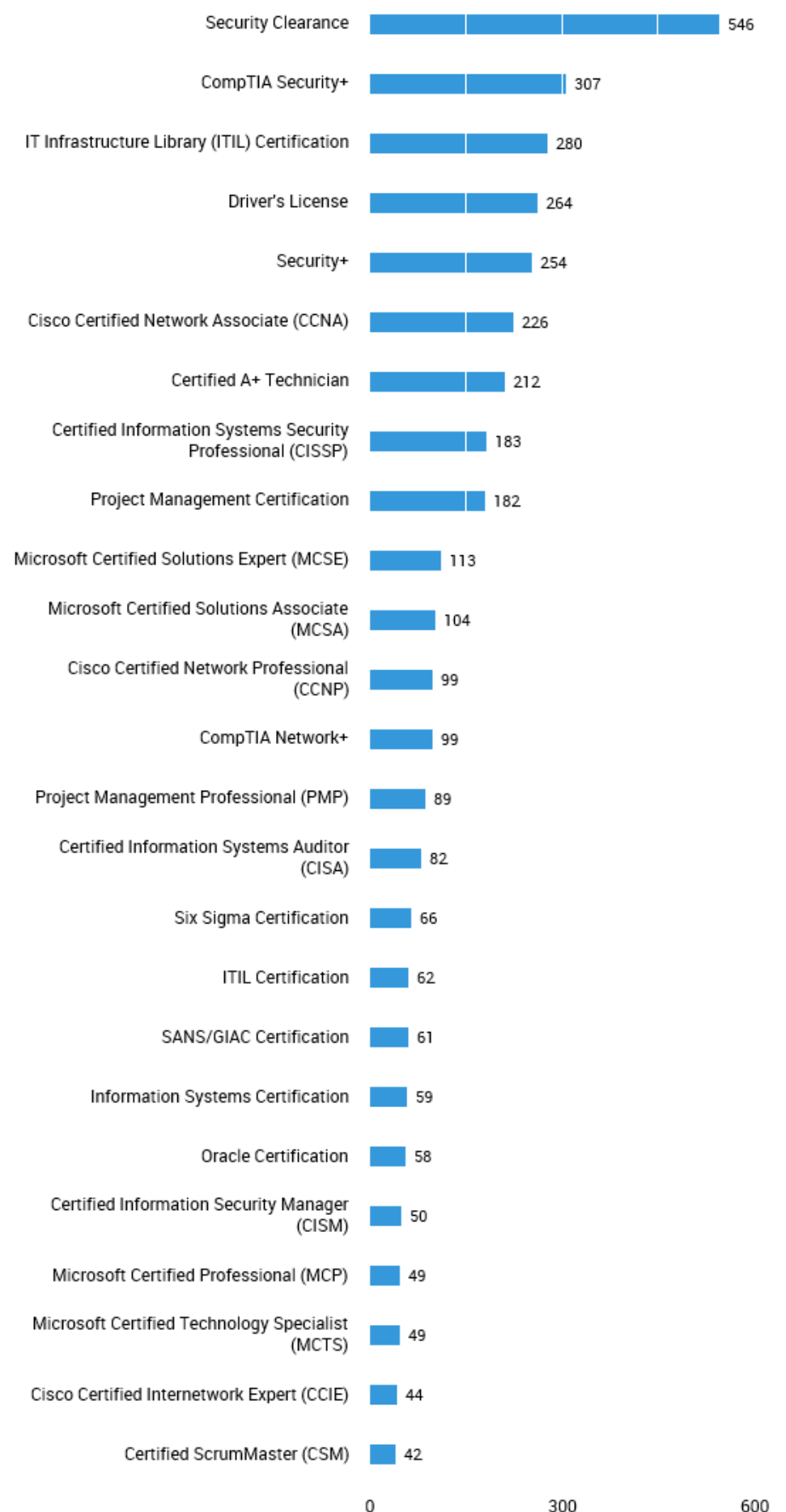
Unclassified postings: 691

### The following certifications are most requested

Jan. 01, 2018 - Aug. 26, 2018 (Data not available after Aug. 23, 2018)

There are 8,914 postings available with the current filters applied.

There are 6,725 unspecified or unclassified postings.



Unclassified postings: 6,725

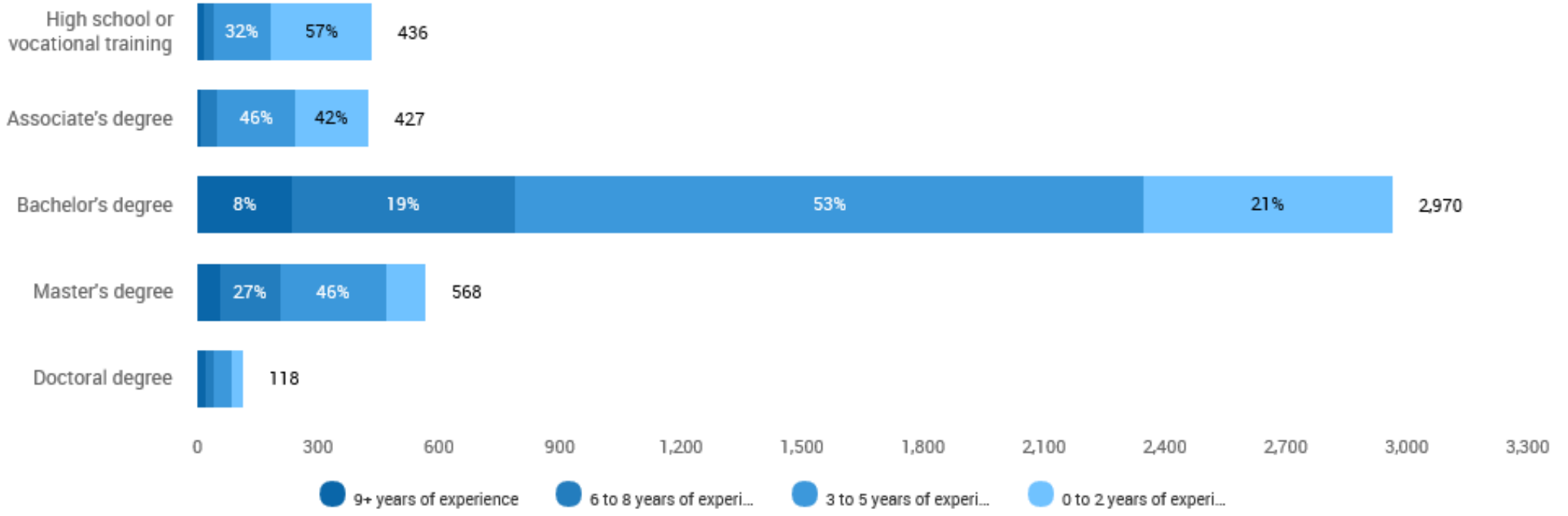
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## Active Selections

Year to date AND ( State : Kentucky ) AND ( BGTOCC Family : Information Technology )

### The following levels of education and levels of experience are requested

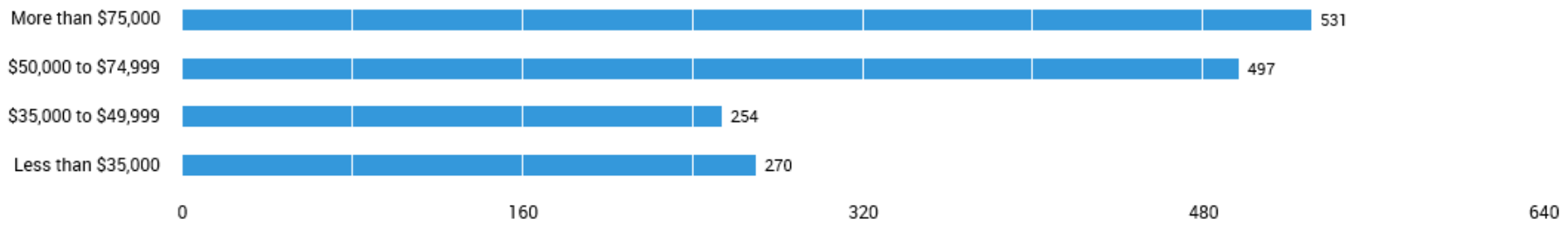


Unclassified postings: 5,377

### The salaries of these jobs are distributed across the following categories

Mean real-time salary = \$66K

Median real-time salary = \$62K



Unclassified postings: 7,362

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## Active Selections

Year to date AND ( State : Kentucky ) AND ( BGTOCC Family : Information Technology )

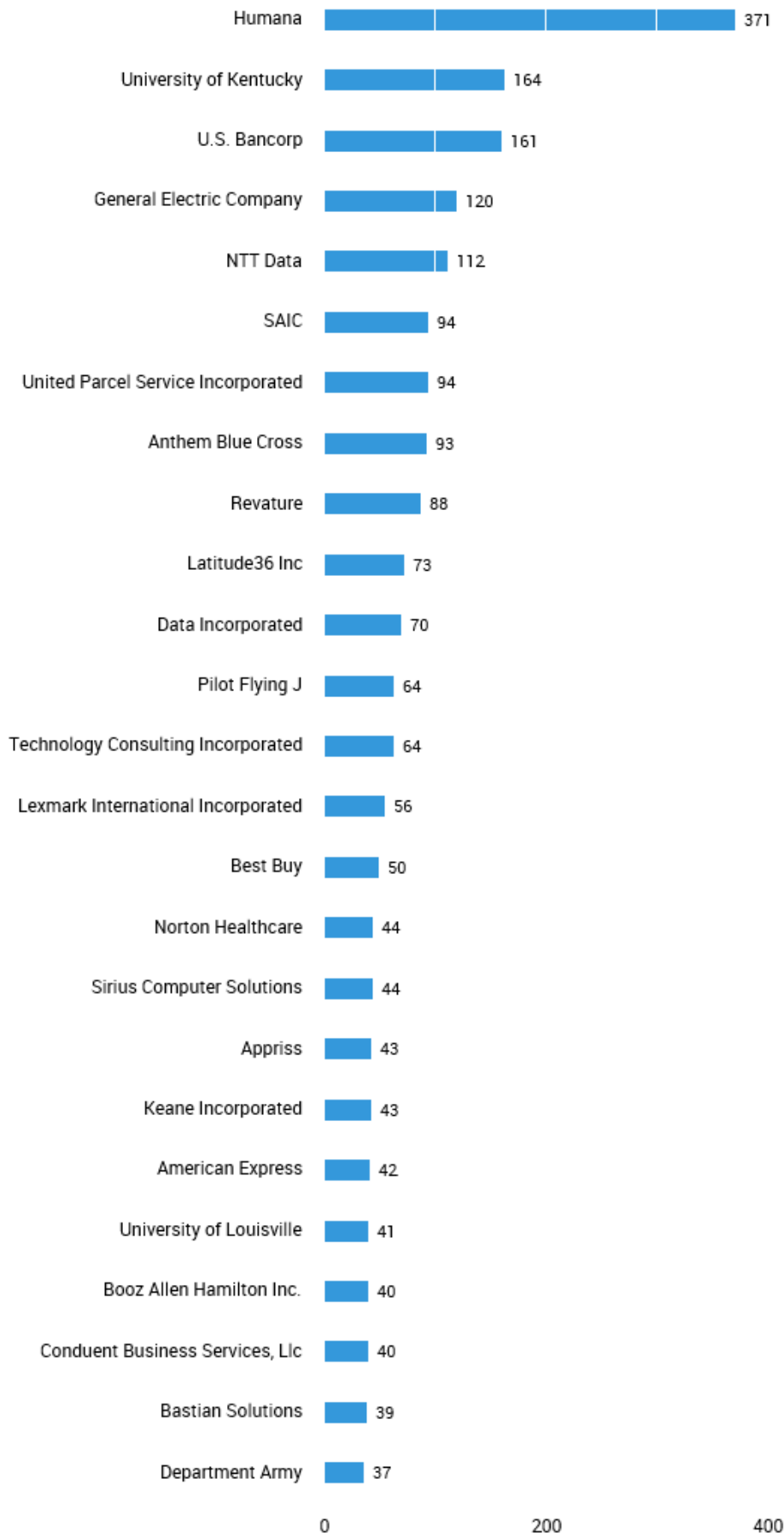
## Who is hiring and in what industries?

### The following employers are hiring for the jobs

Jan. 01, 2018 - Aug. 26, 2018 (Data not available after Aug. 23, 2018)

There are 8,914 postings available with the current filters applied.

There are 2,451 unspecified or unclassified postings.



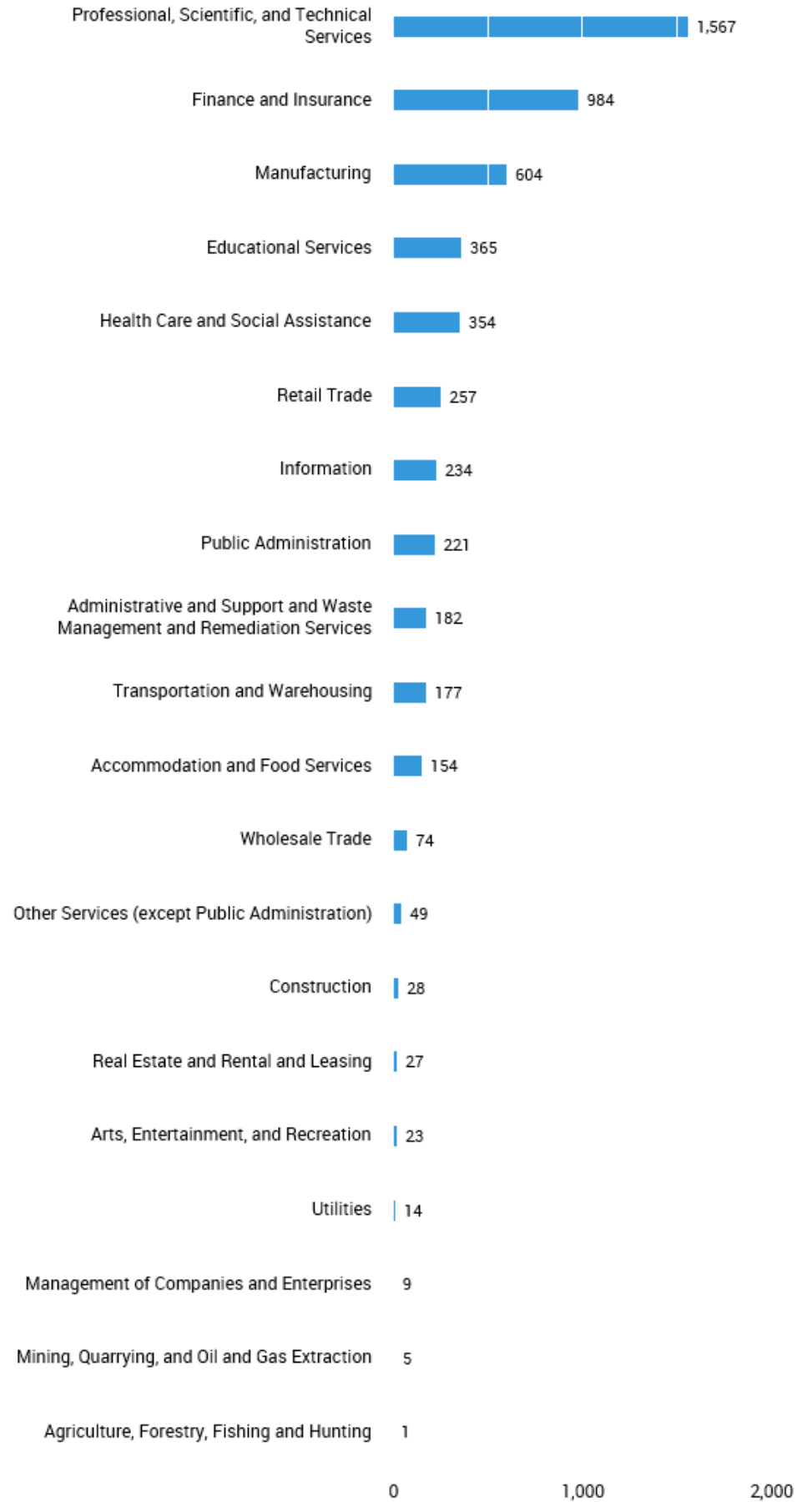
Unclassified postings: 2,451

### The jobs are categorized into the following industries

Jan. 01, 2018 - Aug. 26, 2018 (Data not available after Aug. 23, 2018)

There are 8,914 postings available with the current filters applied.

There are 3,585 unspecified or unclassified postings.



Unclassified postings: 3,585

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### Active Selections

Year to date AND ( State : Kentucky ) AND ( BGTOCC Family : Information Technology )

### Are these skills projected to grow? (Skill Cluster)

Burning Glass has developed a methodology for projecting the future demand of skills in the job market. We provide projections for individual skills and clusters of related skills. These projections combine econometric time series models with machine learning approaches to predict the growth in job posting demand for skills. This report shows a 2 year projected change in demand comparing September – November in 2016 to the equivalent periods in 2018. The Growth Category indicators (Much Faster/Faster/Similar/Slower/Much Slower) are relative to other skills in the same skill cluster, or relative to other skill clusters in the same cluster family. If projections are not yet available for that skill, we have indicated "N/A". Please note: Results can be sorted by total posting numbers, or alternatively, by Growth Category.

Skill Cluster	Postings Requested	Growth Category
Information Technology: Technical Support	2,423	Faster
Information Technology: SQL Databases and Programming	2,328	N/A
Information Technology: System Design and Implementation	2,171	Similar
Information Technology: Software Development Principles	2,063	Similar
Information Technology: Microsoft Office and Productivity Tools	1,672	Similar
Business: Project Management	1,641	Much Faster
Customer and Client Support: Basic Customer Service	1,499	Much Faster
Business: Business Process and Analysis	1,394	Faster
Information Technology: Web Development	1,380	Faster
Information Technology: Network Configuration	1,334	Faster
Information Technology: Database Administration	1,271	Similar
Information Technology: Microsoft Development Tools	1,248	Faster
Information Technology: Operating Systems	1,224	Similar
Information Technology: General Networking	1,185	Similar
Information Technology: Systems Administration	1,157	Faster
Information Technology: JavaScript and jQuery	1,137	Much Faster
Information Technology: Java	1,008	Similar
Information Technology: Management Information System (MIS)	839	N/A
Information Technology: Programming Principles	770	Similar
Information Technology: Oracle	724	Similar
Information Technology: Software Quality Assurance	709	Much Faster
Information Technology: Cybersecurity	703	Much Faster

Information Technology: Network Protocols	684	Similar
Information Technology: Cloud Solutions	618	Much Faster
Information Technology: IT Management	589	Similar

Unclassified postings: 208