

Critical Skills for Career Development

Last updated: 4 March 2022

Web Development	HTML
	CSS
	JavaScript
	TypeScript
	Java
	C++
	PHP
	C#
	ASP.NET
	Bootstrap
	Jekyll
	WordPress
	Drupal
	jQuery
	Angular
	React
	Node.js
	Vue.js
	Django
	Flask
	Ajax
	XML
	MySQL
	MariaDB
Data Science	Statistics
	Calculus
	Algebra
	Discrete maths
	Salesforce
	Microsoft Access
	Alteryx Designer
	JSON
	OpenRefine
	Python
	Power BI

	Tableau
	SQL
	Matplotlib
	NumPy
	Pandas
	SciPy
	R
	tidyverse
	dplyr
	ggplot2
	caret
	Visual Basic for Applications (VBA)
	Microsoft Excel
	MongoDB
	PostgreSQL
	Oracle
	Microsoft SQL Server
	SQL Server Reporting Services
	SQL Server Analysis Services
	SQL Server Integration Services
Artificial Intelligence	TensorFlow
	Object-oriented programming
	Operating systems
	Algorithm analysis and design
	Logic design
	Software development lifecycle
	C
	Octave
	MatLab
	PyTorch
	PaddlePaddle
	Keras
	Scikit-Learn
	Machine learning
	Deep learning
	Computer vision
	Natural language processing
	Speech recognition

	Augmented reality
	Virtual reality
	Sentiment intelligence
	Decision intelligence
	Autonomous systems
Interpersonal	Persuasive presentation
	Networking
	Team building
	Leadership