

CMPSC 480

Software Innovation 1

RESUME REVIEW CHECKLIST

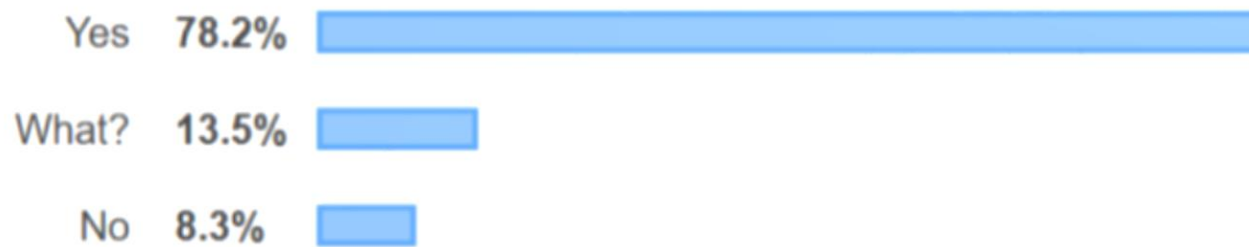
Career Education

AREA	Yes	No	N/A	Does the resume meet the following criteria?
LAYOUT				
Typeface/Size				Typeface easy to read (Calibri, Times, Arial, Cambria, etc.)
				Name: Between 16-20 point, Bold
				Contact Information (e-mail, address, phone): 10 point
				Body text: 11 or 12 point, including section headings
Margins				Either .75" or .5" on all sides (top, bottom, left, and right?)
Dates				Are all dates aligned to the right of the page?
Section Headings				Are the section headings easy to identify (bold, italics, underlined, etc.)?
				Are the sections organized by relevance?
Consistency/Grammar				Do the font styles (bold, italics, or underline) highlight information without being overused?
				Are the font styles (bold, italics, or underline) used consistently?
SECTION HEADINGS				
<i>Information in each section should be listed in reverse chronological order (most recent to least recent)</i>				
Education				Allegheny College, Meadville, PA
				Anticipated graduation date (month/year) to the right of the page
				Degree spelled out (Bachelor of _____)
				Major(s), minor(s), and/or concentration(s) listed correctly
				Cumulative GPA with scale X.X/4.0 (if 3.0 or above)
				Academic honors and awards with dates (Alden Scholar (Dean's List), etc.)
				Additional items may include EL seminars, study abroad, or senior thesis
Work Experience				Does each entry include a position title?
				Does each entry include the name of the employer?
				Does each entry include the city and state of the employer?
				Does each entry include the month and year of employment?
Campus and/or Community Activities <i>*ex: athletics, leadership, volunteer</i>				Does each entry include a position title (leadership roles, member, volunteer)?
				Does each entry include the name of the organization?
				Is each organization's name spelled out (no abbreviations)?
				Does each entry include the location (Allegheny College, Pittsburgh, PA)?
				Does each entry include the month and year of involvement?
Skills and Certifications				Is the section subcategorized (computer, languages, certifications, etc.)?
				Are items separated by commas and listed across the page instead of down the page?
BULLET POINTS and MECHANICS				
Bullet Points				Does the entry include 3-5 responsibilities, tasks, special projects, or accomplishments to describe the experience?
				Are the responsibilities formatted in a bulleted list?
				Does each phrase in the list begin with an action verb in the correct tense (past tense for experiences with an end date, present tense for experiences in which you are still involved)?
				Are numbers, data, dollar amounts, or percentages used to quantify job duties and results (when applicable)?
Mechanics				Is the resume free of spelling errors?
				Is capitalization used appropriately?

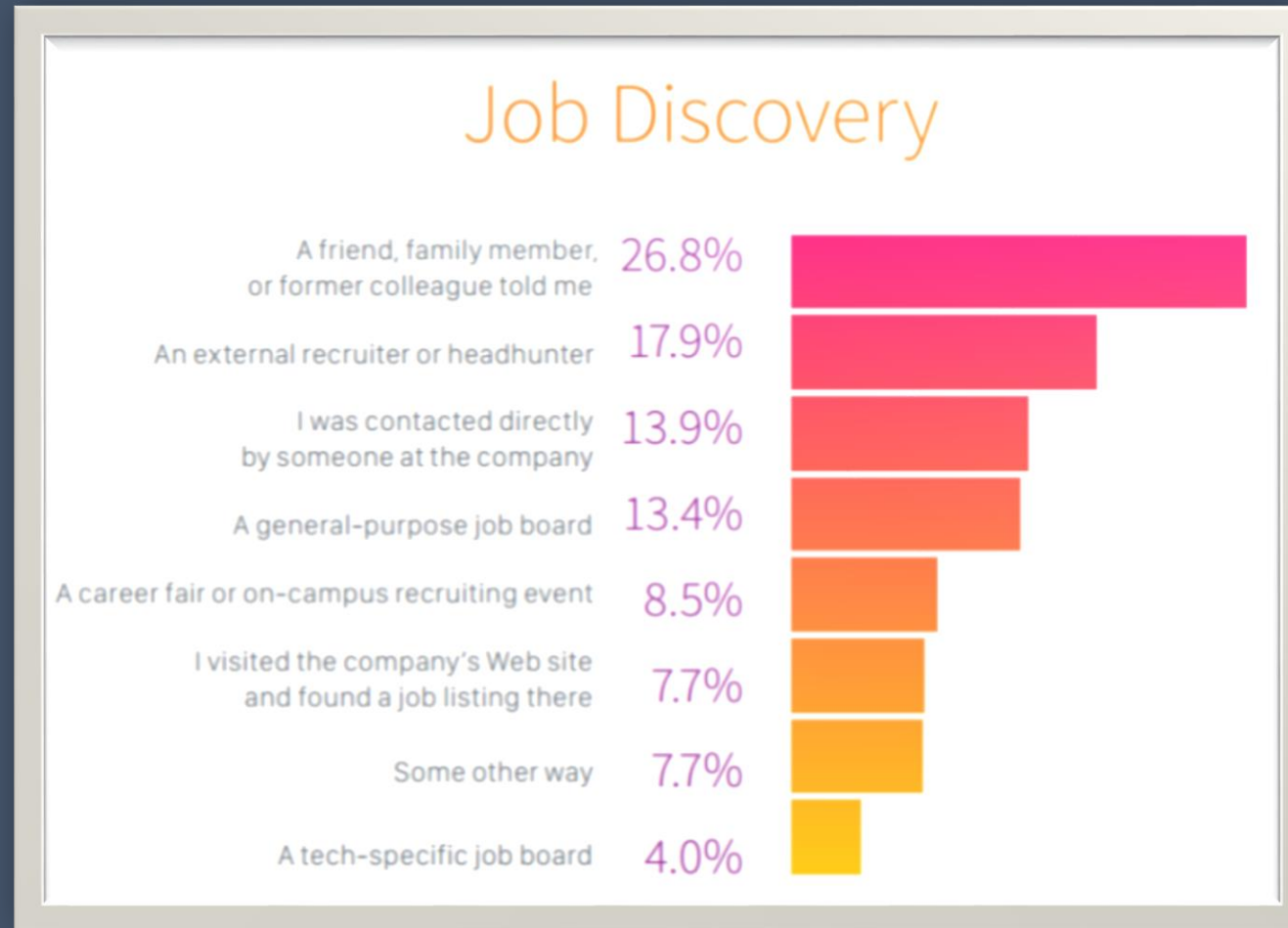
Adapted with permission from Clarion University

- Copies of this checklist are placed on each table.
- Take one (1) copy for yourself
- Write your name in the upper right corner (even though you'll be rating yourself)
- For each item on the list, check the appropriate box under the question "Does the résumé meet the following criteria?"
- When finished, put up a hand and give it to the professor.

Have You Tried Turning It Off and On Again?

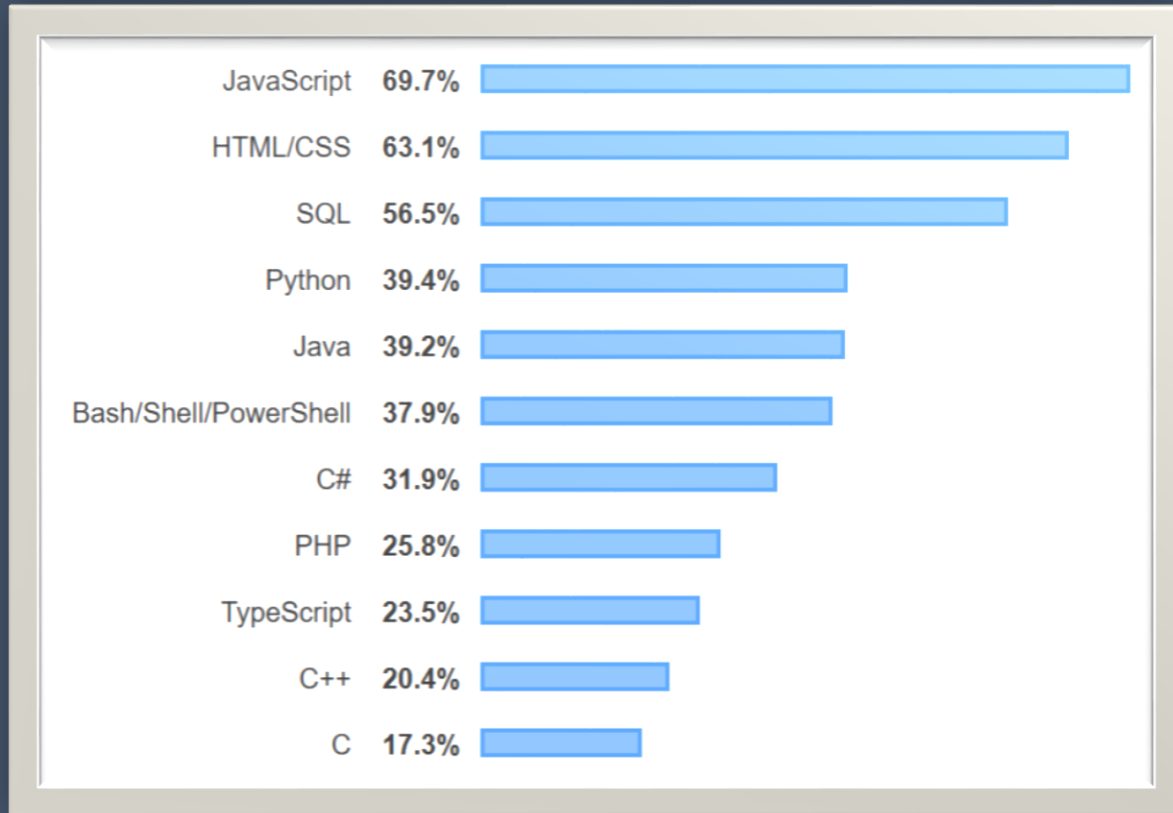


Overwhelmingly, networks still matter

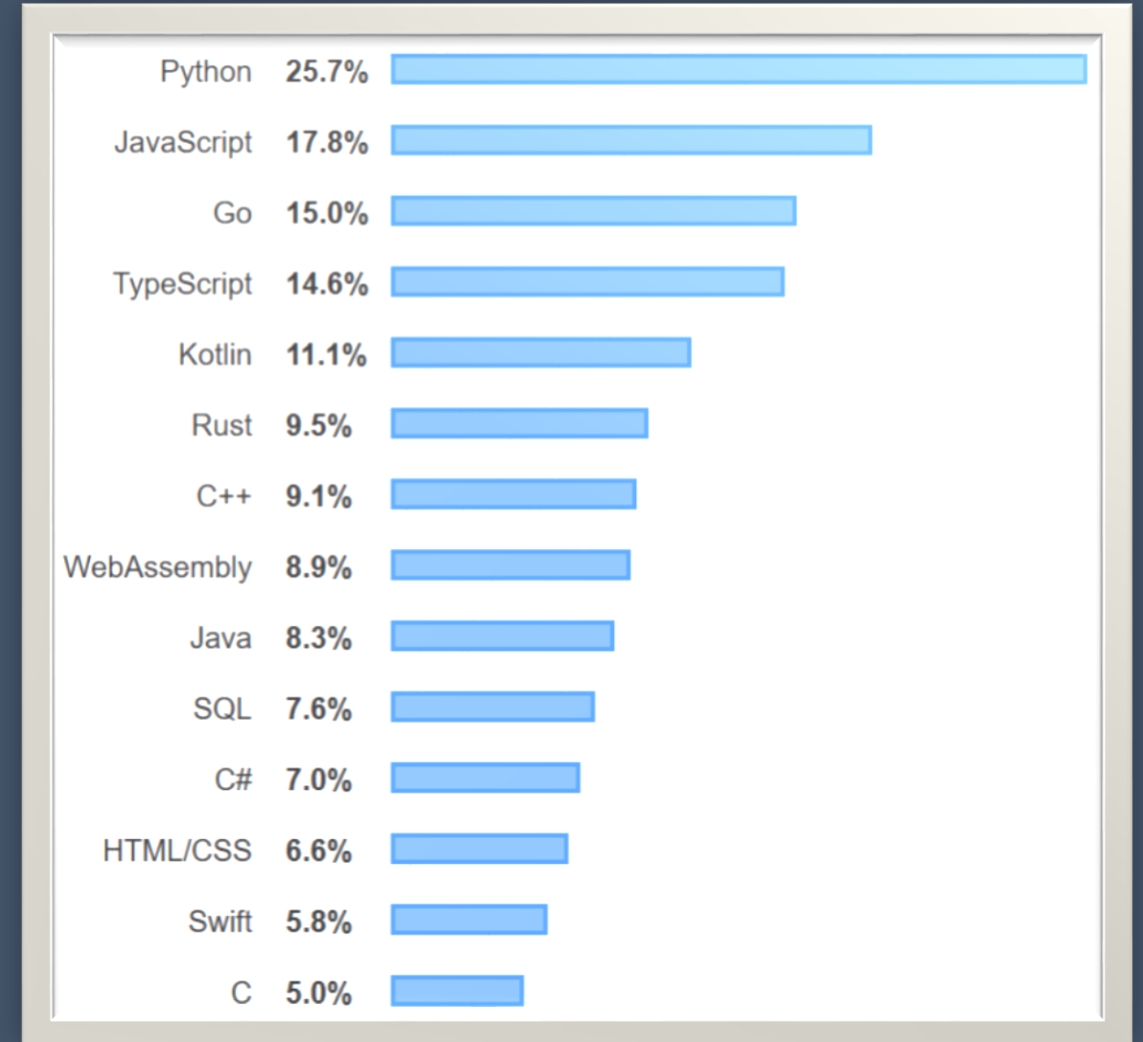


So now that you're here...

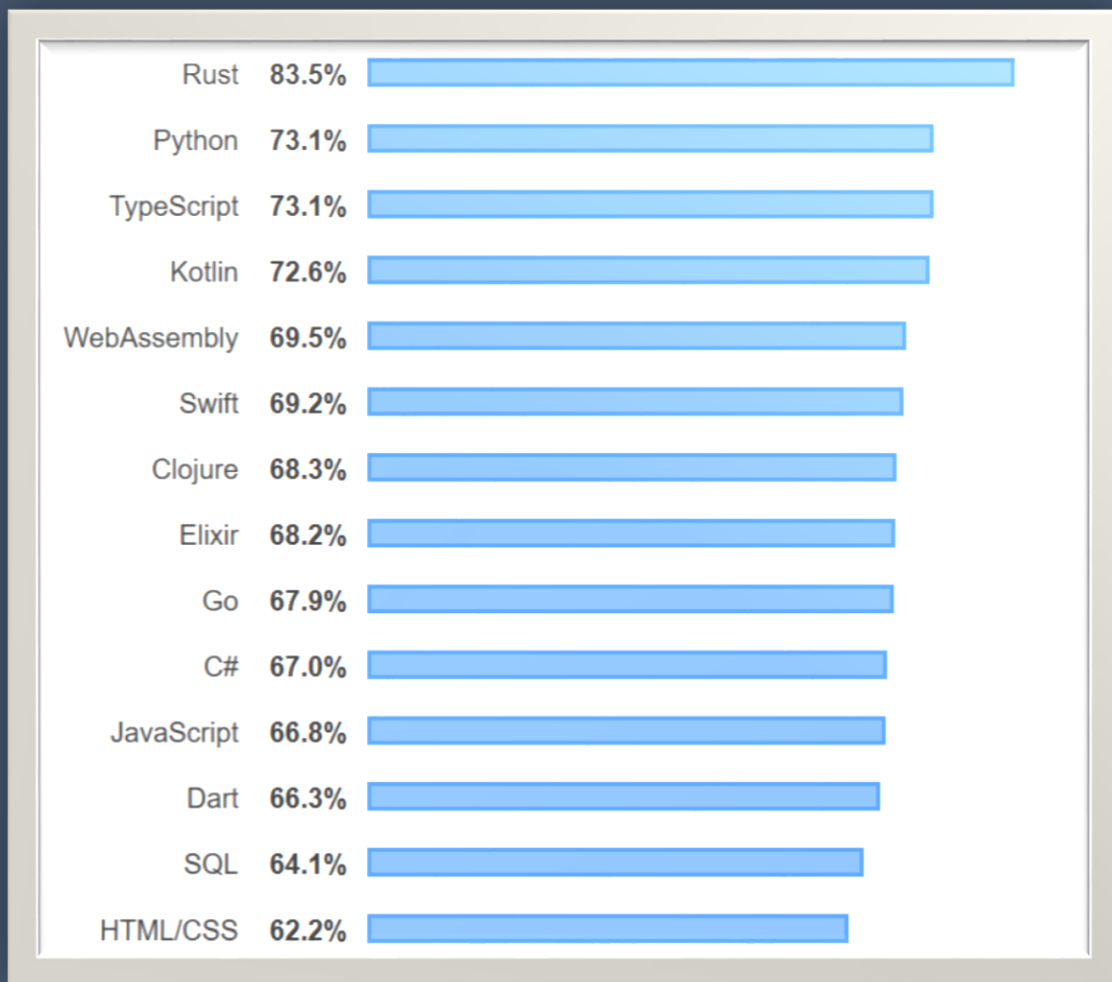
- Don't only use social networks to showcase yourself
 - Read blogs; share content
 - If you're so inclined, write content
- Make a plan to use networks to update your skills
 - Having no plan to keep "current" leads to a stale profile
- Attend and promote events you find out about on professional social media
 - This may mean joining several professional organizations
- Write code; share code



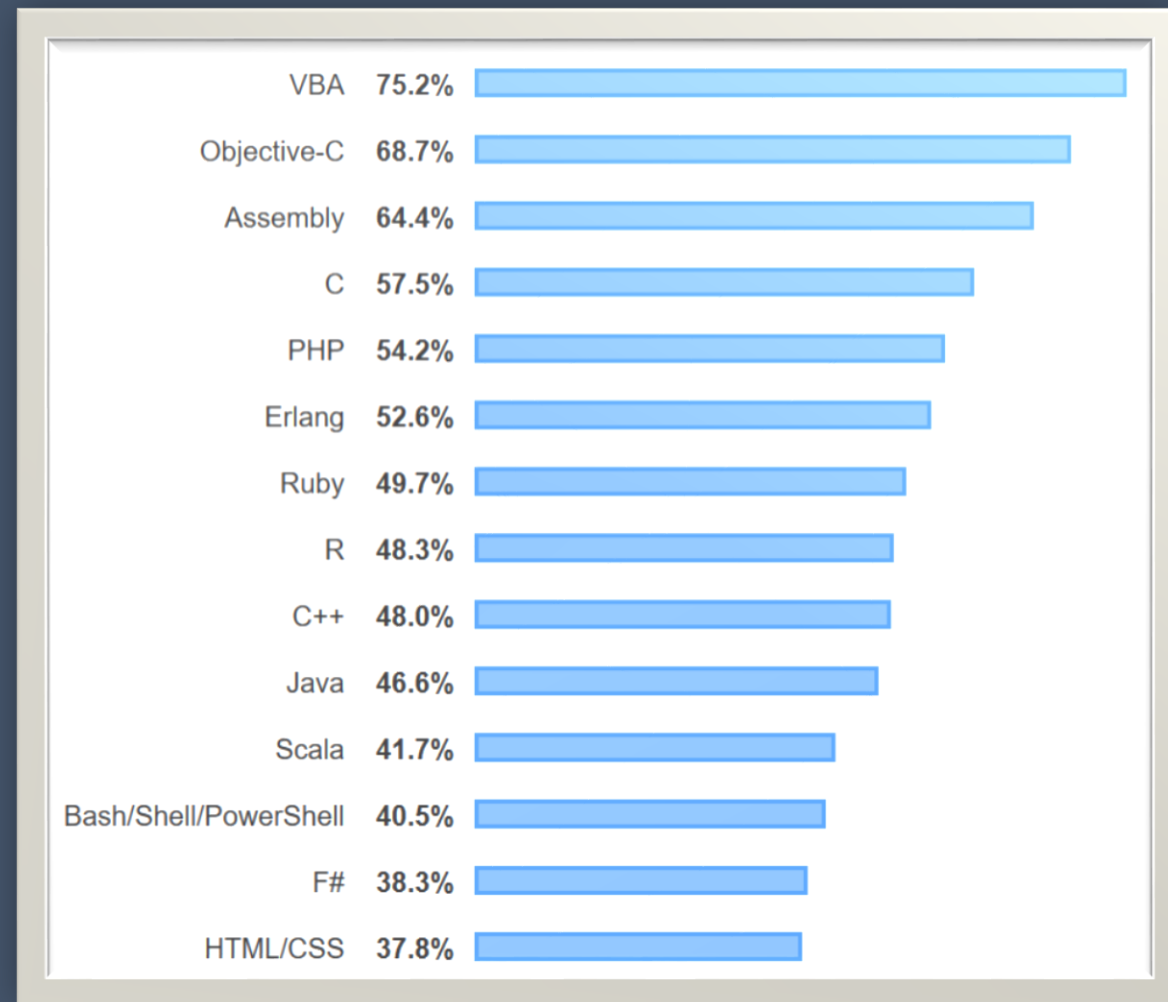
S.O.'s most used languages



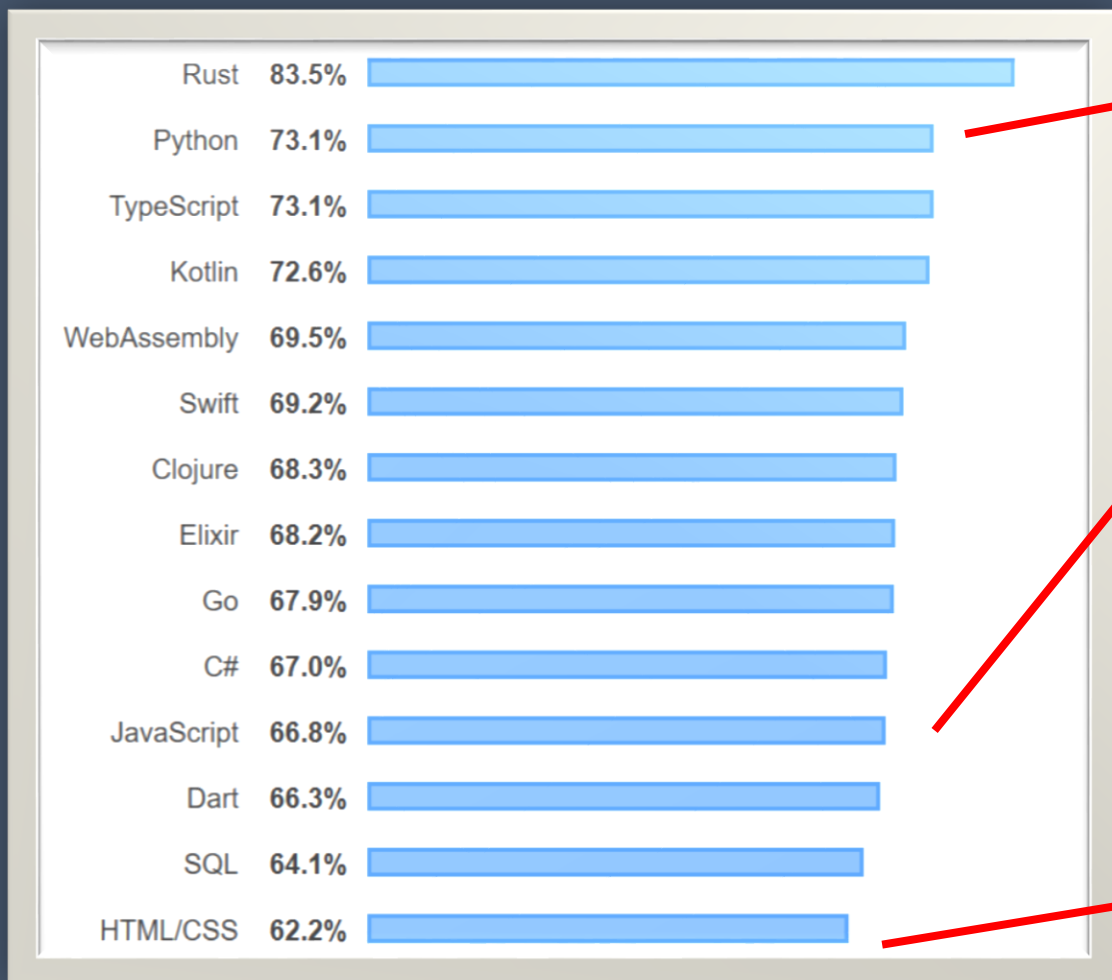
S.O.'s most wanted



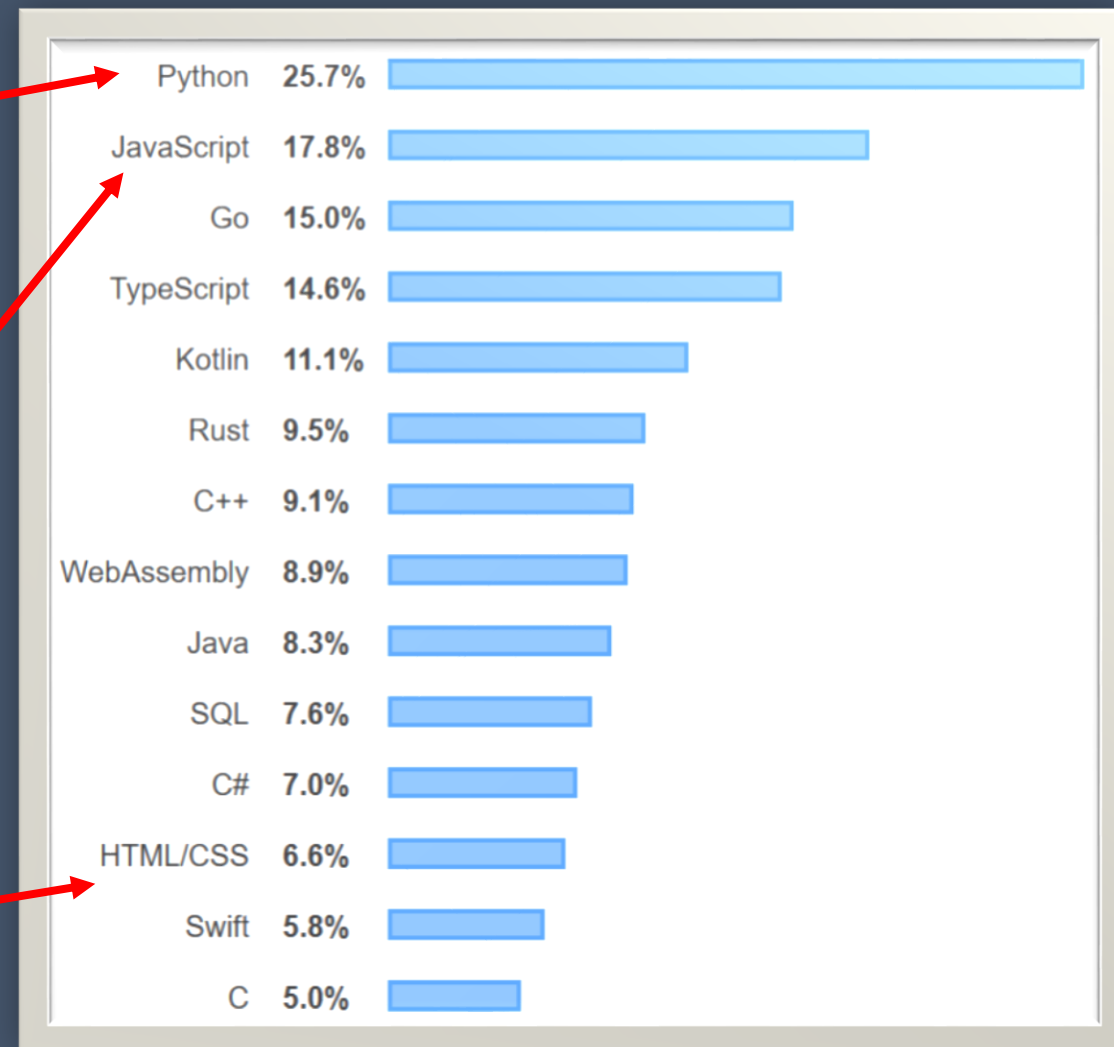
Most loved languages



Most dreaded languages



Most loved languages



S.O.'s most wanted

Rank	Company Name	Programming Languages Used	Frameworks Used	Databases Used
1	WeWork	JavaScript, Ruby, Python	NodeJS, ReactJS, Foundation, Flask	
2	JUUL Labs	Java, C, C++, Python, Go		
3	Airbnb	Java, Ruby, Python, JavaScript, PHP	ReactJS, Flask, Hadoop	MySQL, Redis, RDS
4	SpaceX	Python, JavaScript, Java, C++, C, PHP, Ruby		MySQL, PostgreSQL
5	Stripe	Python, JavaScript, Ruby		PostgreSQL
6	Palantir	Python, JavaScript, Ruby, Go, Java, C++	Flask, Django	MySQL
7	Epic Games	Go, Java, Python, Perl, Shell		MongoDB, MySQL, PostgreSQL
8	Samumed	C#, JavaScript	AngularJS, Entity	SQL
9	Coinbase	Go, Ruby, JavaScript, Swift, Objective-C, Kotlin, Java, C, C++, Rust	ReactJS, NodeJS	PostgreSQL
10	Wish	PHP, Python, Golang, Ruby, Java, C, C++, Go, Perl	ReactJS, Hadoop	MySQL, MongoDB, Redis

App Developer's "Unicorn" list

Unicorns

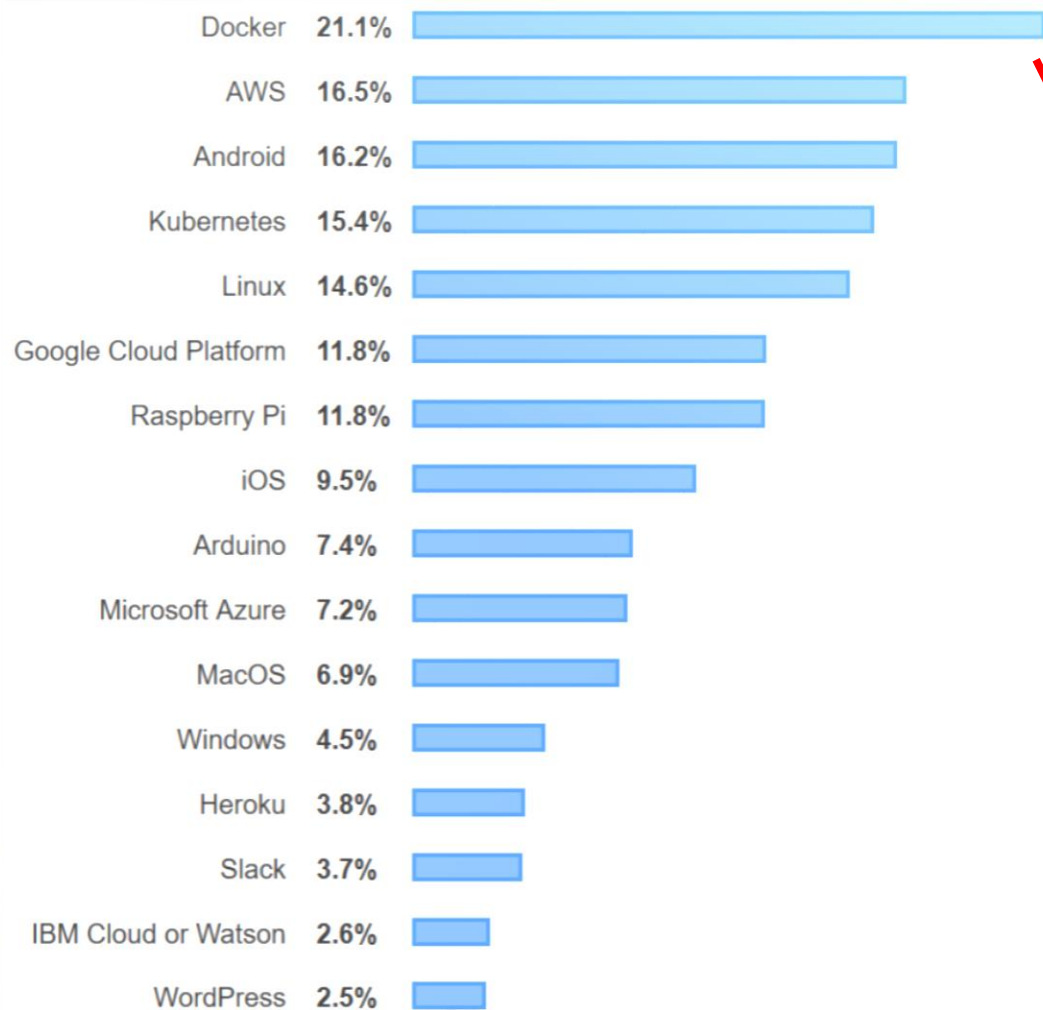
Python	90%
Ruby	70%
JS	50%
Java	50%
C/C++	50%

Large companies

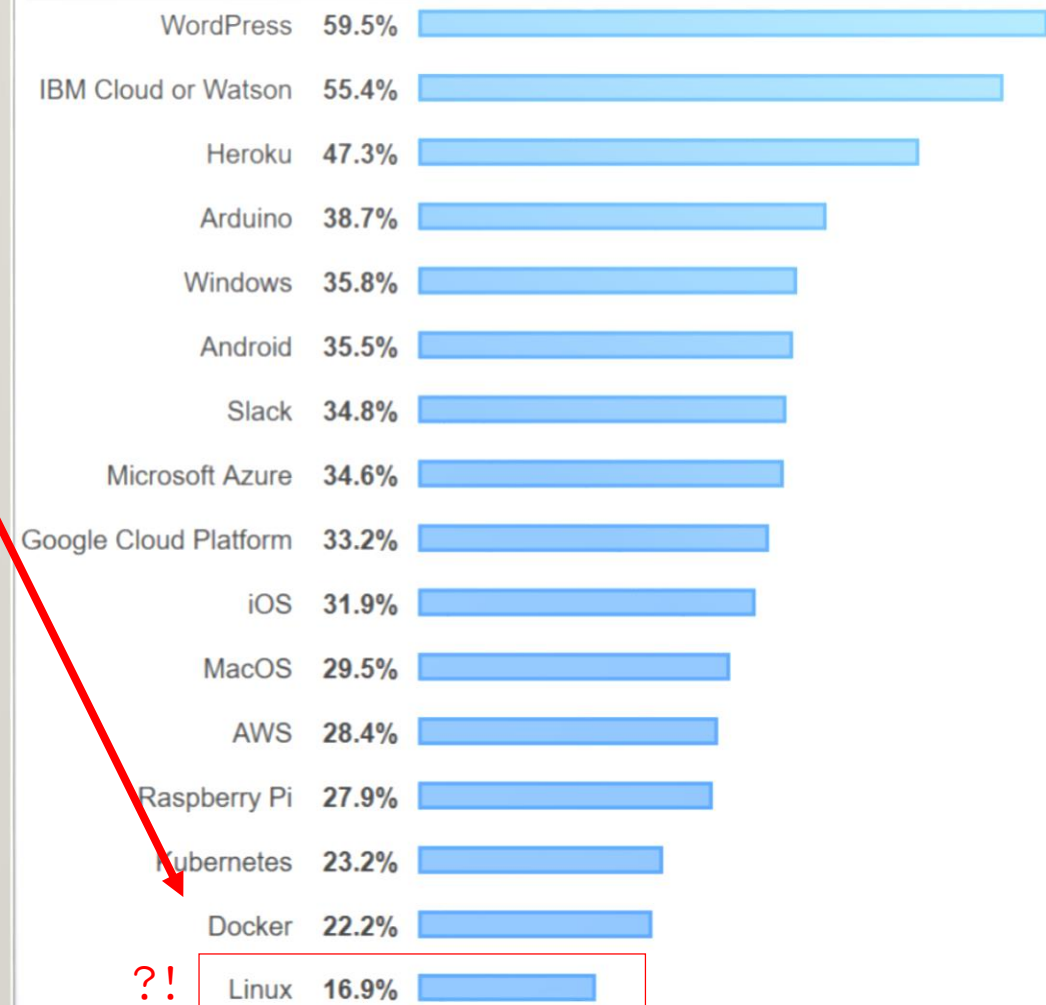
Java
C/C++
Python
C#
VB.net (inexplicably)

Data from:

- hired.com
- TIOBE index



Most loved platforms



Most disliked platforms

Programming Language	2019	2014	2009	2004	1999	1994	1989
Java	1	2	1	1	9	-	-
C	2	1	2	2	1	1	1
Python	3	7	5	6	23	21	-
C++	4	4	3	3	2	2	2
Visual Basic .NET	5	9	-	-	-	-	-
C#	6	5	6	7	18	-	-
JavaScript	7	8	8	8	16	-	-
PHP	8	6	4	5	-	-	-
SQL	9	-	-	89	-	-	-
Objective-C	10	3	29	37	-	-	-
Perl	17	11	7	4	3	10	19
Lisp	32	15	17	13	13	5	3
Pascal	222	16	14	88	6	3	21

TIOBE long-term rankings

So what's the lesson here?

- Monitor trends on developer social networks—but don't always chase them
- Adjust your résumé and skills lists on sites like LinkedIn accordingly
 - But, don't chase trends too willingly
 - See Rust, Swift, Dart, TypeScript as examples
 - Though this doesn't mean that they *won't* become popular or aren't more fit for specific purposes
- When diversifying your future skills, consult these lists to consider what knowledge to gain or deepen next
 - This is not a substitute for paying attention to what given development foundation is up to (see Julia, Rust)