

University & next steps

My 1st job

Intro

Job market trends (40 years)

The exception of Information Technology



Adzuna is lending the time to prepare and present this talk

The opinions expressed in this presentation are personal and not necessarily those of Adzuna

Graphics sources

• Images: attribution per image

• Icons: Twitter Emoji (Twemoji)

• Flags: Wikipedia articles



vkatsikaros at gmail dot com

The slides will be given, all resources are available

Questions in the chat - let's discuss at the end

Oadzuna

Login Register Post job



Adzuna - zero in on the right role





Apply for jobs

You can search for jobs without an account. But to apply you need to create an account or sign in.

Create account >

Already have an account? Sign in

Latest update

JobsAware

To stay safe in your job search and flexible work we recommend that you visit JobsAware for information and to get free, expert advice for safer work.

Find an apprenticeship

Like the idea of becoming an apprentice? Use Find an apprenticeship to search, register and apply for apprenticeship vacancies.

Jobseekers from abroad

Before applying for jobs please check whether you need a visa to work in the UK.

Popular categories	Popular locations	Popular searches
Trade and construction jobs	London	Cleaner jobs
Hospitality and catering jobs	Glasgow	Warehouse jobs
Maintenance jobs	Liverpool	Retail jobs
Logistics and warehouse jobs	Manchester	Driver jobs
Healthcare and nursing jobs	Leeds	<u>Labourer jobs</u>

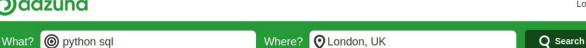
Browse all jobs »

GOV.UK Cymraeg Acceptable use Accessibility statement Cookies Privacy Help and advice Contact us JobsAware



Advanced





645 Python sql Jobs in London





Create alert

Filter results

Sort by Salary + Remote + Location + + Category Company Contract type + Hours +

Data Developer Python SQL - WfH

£55000 - £70000 PER ANNUM + BENEFITS - CLIENT SERVER -

LONDON, SOUTH EAST, SOUTH EAST LONDON

Data Developer London to £70k Remote Interview WFH Data Developer / Engineer (Python SQL BI) Remote Interview WFH. Are you a data technologist seeking a role where you'll ... a competitive salary (to £70k) plus benefits. Apply now or call 020 8016 4456 to find out more about this Data Developer / Engineer (Python SQL BI) opportunity. This job was originally posted ...

Data Engineer - Python, SQL, Spark

JOBSWORTH: £ 52,136 P.A. - OLIVER BERNARD - LONDON, SE11

JOBSWORTH: £ 46.837 P.A. - AUSTIN FRASER - LONDON, LONDON

Data Engineer - Python, SQL, Spark Location: London, N1C 4AX (Remote currently)Salary: £60,000 -£70,000Industry: E-commerceTech Stack: Python, SQL, Pandas, Spark, AWSGreat ... opportunity for a talented Data Engineer (Python, SQL, Pandas, AWS) who also has strong experience of developing applications using Python to join a business that is entrusted ...

experteer

Related searches



Python/ SQL Developer

Python/ SQL Developer 3 month contract London/ Remote Austin Fraser are currently partnering with an exciting London-based start up who have some interesting projects coming up ... and are urgently looking for a Python/ SQL Developer to join them. This will be a 3 month contract initially with strong possibilities of multiple extensions beyond this. It will be fully remote ...



(C) adzuna

- TI Ds: 20
- Traffic: ☆☆M visits/month
- Web scraper: ☆☆M ads/day
- Partner network: ☆☆G ads/day
- User facing DB: ☆TB storage
- Sent: ☆M emails/day
- Machines: ☆☆☆

In 2020-21, we estimate we have helped 1M people find jobs





Food for thought



If you need to lookup the source

https://example.com "Μπλα Μπλα"







"The crisis caused an explosion in uncertainty and insecurity and severe lack of trust of the labor force when it comes to the protection of fundamental labor rights and their standard of living"



"In 2021 Greece recovered from the pandemic shock [...] However, if the cost of living is taken into account, Greece has the 2nd smaller per capita GDP in EU. Moreover, it's the only state in EU where this metric is less than the 2007 levels."



"Salaries were adjusted, but the increased competition that should have helped to bring prices down never happened. The burden of the internal devaluation fell excessively on labor."

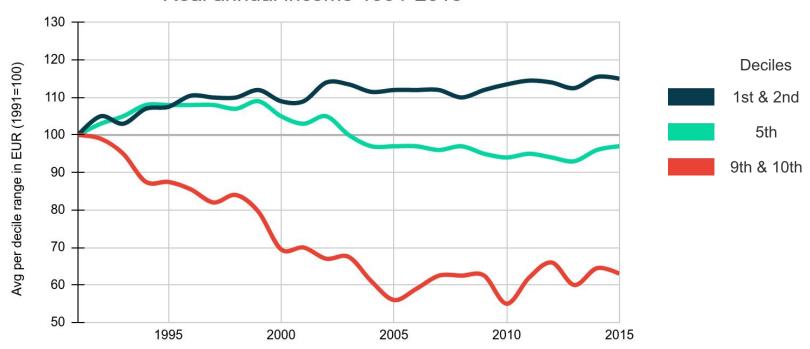


"Several years of recession and austerity measures have persistently challenged the constitutionally protected right to work and the right to an adequate standard of living."

"Salaries were drastically cut [...] and working conditions weakened"



Real annual income 1991-2015





"1 in every 8 children in America ($\sigma\eta\mu$ H Π A) is experiencing shockingly high rates of food insecurity, school drop out, teenage pregnancy and/or child deaths"



"Real wages rose at the top of the distribution, whereas wages rose at lower rates or fell at the middle and bottom."





Staff shortage

"One in 5 enterprises employed Information and Communication Technology specialists"

"In 2017, more than half of EU enterprises that recruited or tried to recruit Information and Communication Technology specialists had difficulties in filling ICT vacancies."

Staff shortage

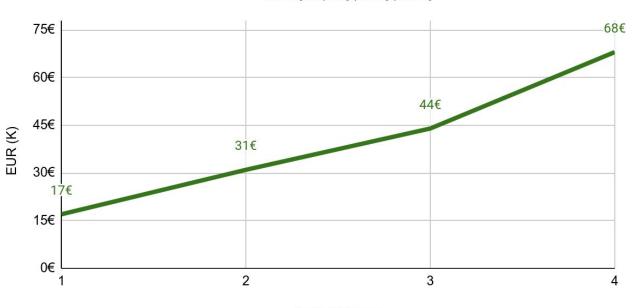
2015: "Europe could face a shortage of more than 800,000 skilled ICT workers by 2020"

2017: "shortages of IT specialists are forecasted to reach around 500,000 by 2020 and we estimate that Europe would need 50,000 new high-tech leaders each year till 2025".



Backend Software Engineer - Individual Contributor

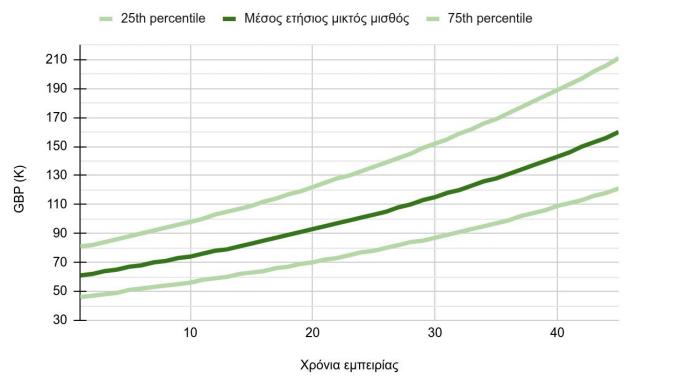
Μέσος ετήσιος μικτός μισθός



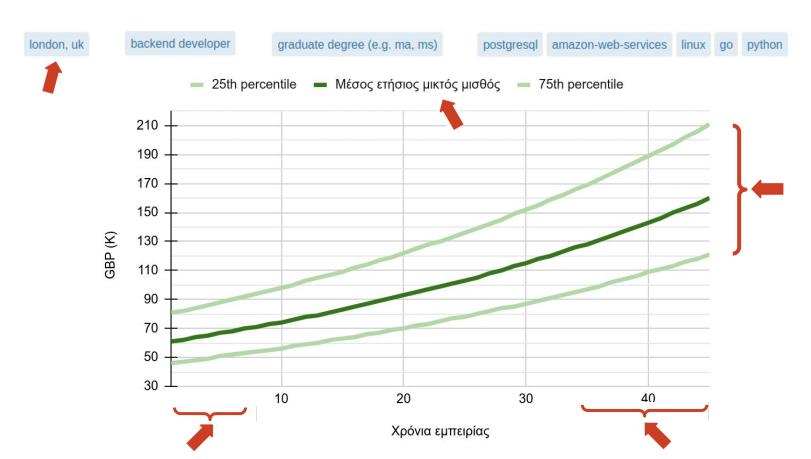
Seniority Level

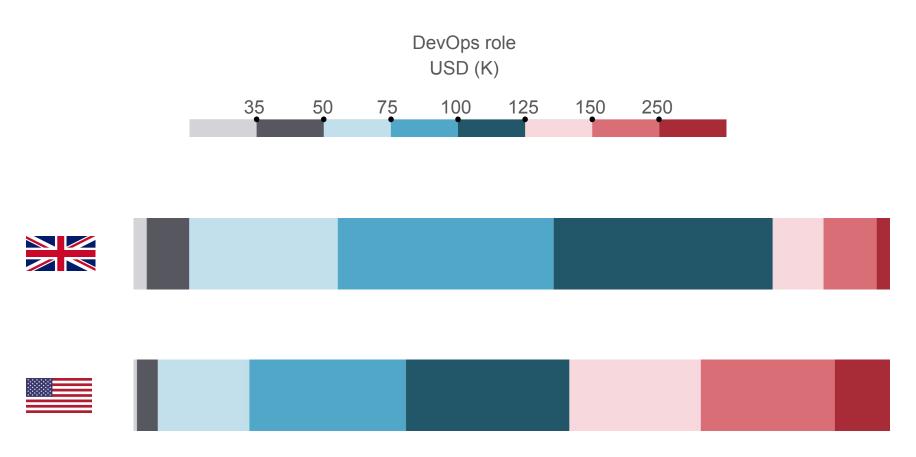


london, uk backend developer graduate degree (e.g. ma, ms) postgresql amazon-web-services linux go python

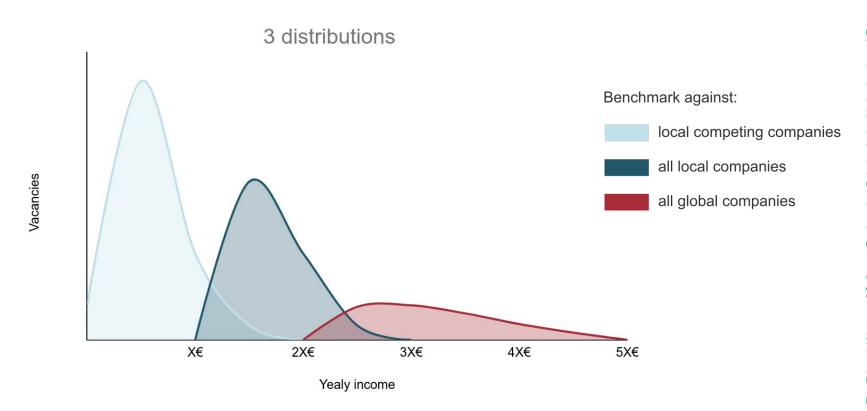








High income cities/countries



Top tier *

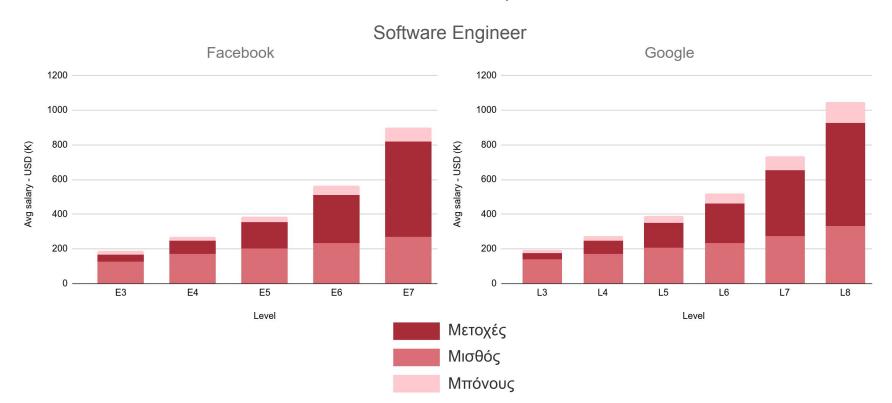
* San Francisco top 10%

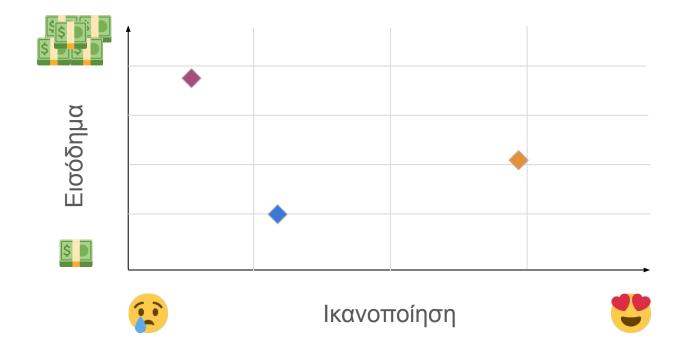
Basecamp: "an annual salary of \$207,978" (σημ Engineering Manager)"

Oxide: "we all got a raise to \$180,250 in December" (σημ 2020)

Top of the top tier * (Big Tech)

* San Francisco top 1%





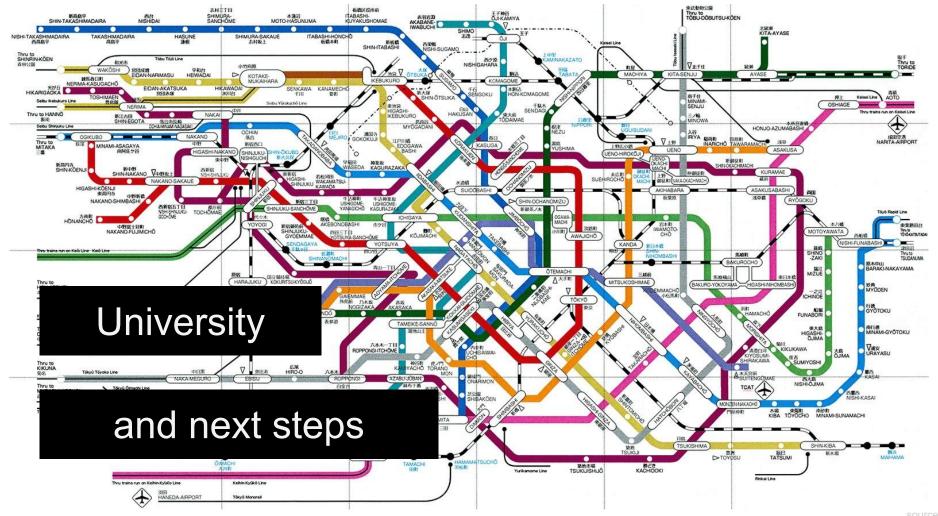
Remote work

- Discipline
- Sharp communication skills
- Work from office experience

Be aware of:

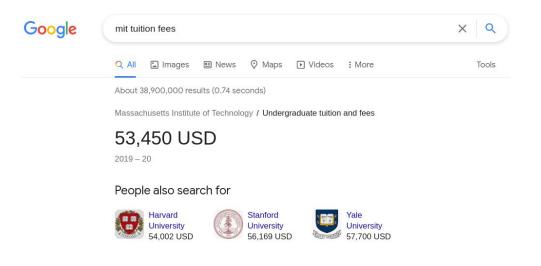
- Lack of social contacts
- Hidden costs (office, +1 room, heat-A/C)
- Work hours

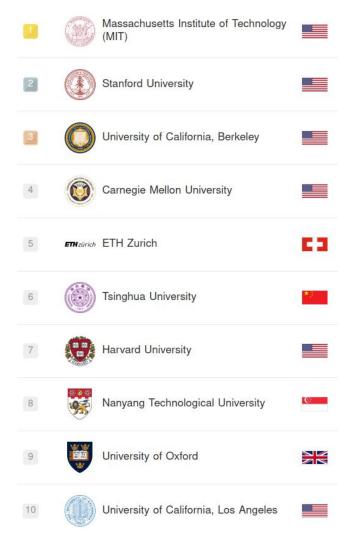




Science & Engineering | Shanghai Ranking, 2022

Red brick & Ivy league





MSc + tuition













MSc + cost of life









Programming

Get exposed to programming, the language doesn't matter that much

Indicative: python, java, go, bash, javascript

Basic technical skills

Network (TCP, HTTP)

SQL

Linux cli

Computer architecture

Open source projects

Open your horizons, get exposed to collaborations

Practice (reading code, collaboration)

Positive for the CV

Find something interesting enough so that you invest the time

Open source projects

How do I participate?

- 1. Prepare your dev env
- 2. Contact developers / community (slack/mailing list)
- 3. Find 1-2 simple bugs
- 4. Try (commits)

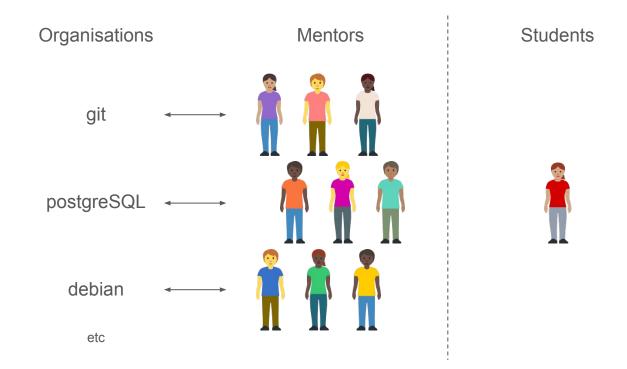
<u>How to ask good questions</u>, Julia Evans <u>How do I ask a good question?</u>, Stackoverflow

Contributing to Complex Projects, Mitchell Hashimoto

How to Contribute to Open Source, André Arko

Python Summer of Code - How do I get started?, Python Software Foundation

Google Summer of Code



Similar programs

- Season of Docs, https://developers.google.com/season-of-docs
- Season of KDE, https://season.kde.org/
- Outreachy, https://www.outreachy.org/
- Tweag Open Source Fellowship, https://www.tweag.io/blog/2020-02-14-os-fellowship/
- Summer of Nix, https://summer.nixos.org/
- Rails Girls Summer of Code, https://railsgirlssummerofcode.org/

Foreign languages, (asynch) communication







Requirements

"Required Technical and Professional Expertise:



Minimum 12+ years' experience in Kubernetes administration and management."

Requirements

You don't need to meet 100% of the requirements

"2+ years of experience" ignore it - especially if you have commits, internship, GSOC

Tax + Social security

Take home money?

Differences employee / contractor

VAT

Stock taxation (if stocks is an option)

Your application will be ignored and rejected



Send



Answers



Final offer



1st job goals

It's OK not to find the top salary on the 1st go. It will happen!

For starters, search for a healthy environment where you can learn.

Next steps

Education (books, courses, videos, and of course time)

Work with a senior member of the team

Next steps

Search for the next job if you are not satisfied

Practice interviewing

The bigger raises usually come when you change jobs

Do your research

Job boards

- https://www.adzuna.co.uk/ (.com, .fr, .it, κτλ)
- https://gr.indeed.com (.co.uk, .fr, .it, κτλ)
- https://www.glassdoor.com
- https://stackoverflow.com/jobs/

Remote work job boards

- https://github.com/fossjobs/fossjobs/wiki/resources#job-aggregators
- https://weworkremotely.com/
- https://remoteintech.company/

Directly at the website of companies that interest you



Open your horizons, get involved with open source projects

Open your horizons, get involved with open source projects

Information technology is privileged when it comes to salary

Open your horizons, get involved with open source projects

Information technology is privileged when it comes to salary

Practice interviews, do your research, keep an eye on the job market

Open your horizons, get involved with open source projects

Information technology is privileged when it comes to salary

Practice interviews, do your research, keep an eye on the job market

Think about your career frequently and for different time scales

Open your horizons, get involved with open source projects

Information technology is privileged when it comes to salary

Practice interviews, do your research, keep an eye on the job market

Think about your career frequently and for different time scales

Find out a healthy environment where you can learn

Open your horizons, get involved with open source projects

Information technology is privileged when it comes to salary

Practice interviews, do your research, keep an eye on the job market

Think about your career frequently and for different time scales

Find out a healthy environment where you can learn

