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Mahdi Haghverdi

Back-end / Junior Developer

Persian articles on [virgool](#)

English articles on [medium](#)

github.com/mahdihaghverdi

Write the fucking profile

SKILLS

Name Fucking good skills Tools and languages, Communication and whatever

PROJECTS

FastBlog — [link](#)

- Lorem ipsum dolor sit amet, consectetur adipiscing elit.

postfixcalc — [link](#)

- Lorem ipsum dolor sit amet, consectetur adipiscing elit.

plumacalc — [link](#)

- Lorem ipsum dolor sit amet, consectetur adipiscing elit.

listappend — [link](#)

- Lorem ipsum dolor sit amet, consectetur adipiscing elit.

timetp — [link](#)

- Lorem ipsum dolor sit amet, consectetur adipiscing elit.

OPEN SOURCE CONTRIBUTION

Aggify — [link](#)

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ARTICLES

Timsort Algorithm Explained — [link](#)

- Full coverage and explanation for `timsort` algorithm.

Let's Write a Tokenizer and Parser — [link](#)

- A comprehensive walk through of studying the theory of automata, writing a RegEx, drawing a DFA and implementing a tokenizer and a parser out of them.

What's New in Python 3.12 — [link](#)

- Point to point, PEP to PEP and issue to issue of *What's new* in Python 3.12 stable release.

Deep Dive Into Object and Types in the C Layer of CPython

- How objects and types are implemented in CPython?
- [Persian](#)
- [English](#)

How `list.append` Works In CPython's C Layer?

- How does CPython do an `list.append` exactly?
- [Persian](#)
- [English](#)

Python is TOO Fast — [link](#)

- Is Python fast or slow? Let's have a discussion.

Python asyncio And TaskGroups — [link](#)

- Python `asyncio` module has a new type (from 3.11) called `TaskGroup`. Let's see why it was important to have it in `stdlib`.

Python Standard Library vs. PyPI — [link](#)

- How Python `stdlib` differs from PyPI?

Python, A Language For Companies Seeking High Performance — [link](#)

- Should the High-tech companies and startups use Python for their product or not?

CPython Will Be 5x Times Faster — [link](#)

- How faster CPython team will improve the performance of Python?

More in here: <https://virgool.io/@liewpl/>

EDUCATION