**single-threaded programming language:**

* **Java script:** only one statement is executed at a time.
* **Python with GIL” Global Interpreter Lock”:** can still run multiple tasks simultaneously using threads, but it can’t use multiple threads to do different things at the same time due to the GIL.

**GIL: if there are many threads in one process GIL only allow one to execute at the same time.**

* **Ruby interpreter:** These language don’t support parallelism.

**Artificial intelligence companies in Egypt:**

|  |  |  |  |
| --- | --- | --- | --- |
| Company | Job title | Company | Job title |
| [Procore Technologies](https://www.linkedin.com/company/procore-technologies/life?lipi=urn%3Ali%3Apage%3Ad_flagship3_job_details%3Bgc3tzK9ZS1anbKeUFY1NRA%3D%3D) | [Senior ML Engineer-Machine Learning Platform](https://www.linkedin.com/jobs/view/3944531419/?alternateChannel=search&refId=IOfvrEbnf%2FoNiox12kM9uw%3D%3D&trackingId=NBDzhe%2Fh7ZjcQJulYYLqxA%3D%3D&trk=d_flagship3_search_srp_jobs&lipi=urn%3Ali%3Apage%3Ad_flagship3_search_srp_jobs%3BNjFvs%2FCEStWI3TuHgywhbA%3D%3D) | kapa.ai | [Applied AI Engineer (RAG)](https://www.linkedin.com/jobs/view/3879688088/?alternateChannel=search&refId=LueQy1dHcytczfStT9h6cA%3D%3D&trackingId=4qxz5R0GdYzifizMCsC7Sg%3D%3D&trk=d_flagship3_search_srp_jobs&lipi=urn%3Ali%3Apage%3Ad_flagship3_search_srp_jobs%3BNjFvs%2FCEStWI3TuHgywhbA%3D%3D) |
| Deloitte | Innovation Hub I Senior Data Engineer, Cairo, Egypt | [Canonical](https://www.linkedin.com/company/canonical/life?lipi=urn%3Ali%3Apage%3Ad_flagship3_search_srp_jobs%3BNjFvs%2FCEStWI3TuHgywhbA%3D%3D) | [AI/ML and ML Ops Field Engineer](https://www.linkedin.com/jobs/view/3959704435/?alternateChannel=search&refId=LueQy1dHcytczfStT9h6cA%3D%3D&trackingId=mEXEQvqRoVS9KRxMMo9OCA%3D%3D&trk=d_flagship3_search_srp_jobs&lipi=urn%3Ali%3Apage%3Ad_flagship3_search_srp_jobs%3BNjFvs%2FCEStWI3TuHgywhbA%3D%3D) |
| [Siemens Digital Industries Software](https://www.linkedin.com/company/siemenssoftware/life?lipi=urn%3Ali%3Apage%3Ad_flagship3_search_srp_jobs%3BNjFvs%2FCEStWI3TuHgywhbA%3D%3D) | [Senior Machine Learning Engineer](https://www.linkedin.com/jobs/view/3864198031/?alternateChannel=search&refId=IOfvrEbnf%2FoNiox12kM9uw%3D%3D&trackingId=nagEZMSYzZ7ZwMFVTl3YOQ%3D%3D&trk=d_flagship3_search_srp_jobs&lipi=urn%3Ali%3Apage%3Ad_flagship3_search_srp_jobs%3BNjFvs%2FCEStWI3TuHgywhbA%3D%3D) | PwC Middle East | ETIC, Python Developer- Associate |
| [IST Networks](https://www.linkedin.com/company/ist-networks/life?lipi=urn%3Ali%3Apage%3Ad_flagship3_search_srp_jobs%3BNjFvs%2FCEStWI3TuHgywhbA%3D%3D) | [AI Flow Developer](https://www.linkedin.com/jobs/view/3969480276/?alternateChannel=search&refId=IOfvrEbnf%2FoNiox12kM9uw%3D%3D&trackingId=yAV9JKHJ8Gk0sIeo7XeShQ%3D%3D&trk=d_flagship3_search_srp_jobs&lipi=urn%3Ali%3Apage%3Ad_flagship3_search_srp_jobs%3BNjFvs%2FCEStWI3TuHgywhbA%3D%3D) | [Hacker Pulse](https://www.linkedin.com/company/hackerpulse/life?lipi=urn%3Ali%3Apage%3Ad_flagship3_search_srp_jobs%3BNjFvs%2FCEStWI3TuHgywhbA%3D%3D) | [Machine Learning Engineer](https://www.linkedin.com/jobs/view/3887010011/?alternateChannel=search&refId=G%2FJCNmC8BnPvPVkdkl8PUw%3D%3D&trackingId=w0R89V5TTyZBW8HKyhgW7g%3D%3D&trk=d_flagship3_search_srp_jobs&lipi=urn%3Ali%3Apage%3Ad_flagship3_search_srp_jobs%3BNjFvs%2FCEStWI3TuHgywhbA%3D%3D) |
| \_VOIS | [AI & Automation Engineer-VOIS](https://www.linkedin.com/jobs/view/3968729737/?alternateChannel=search&refId=IOfvrEbnf%2FoNiox12kM9uw%3D%3D&trackingId=oPArxZNNakviylcbD9hmhg%3D%3D&trk=d_flagship3_search_srp_jobs&lipi=urn%3Ali%3Apage%3Ad_flagship3_search_srp_jobs%3BNjFvs%2FCEStWI3TuHgywhbA%3D%3D) | On-Hire | Machine Learning Engineer (Computer Vision) |
| [Crowd Analyzer](https://www.linkedin.com/company/crowdanalyzer/life?lipi=urn%3Ali%3Apage%3Ad_flagship3_search_srp_jobs%3BNjFvs%2FCEStWI3TuHgywhbA%3D%3D) | [Senior Machine Learning Engineer](https://www.linkedin.com/jobs/view/3968863561/?alternateChannel=search&refId=IOfvrEbnf%2FoNiox12kM9uw%3D%3D&trackingId=6QGzhWIzz1ddLdGr0z1LTw%3D%3D&trk=d_flagship3_search_srp_jobs&lipi=urn%3Ali%3Apage%3Ad_flagship3_search_srp_jobs%3BNjFvs%2FCEStWI3TuHgywhbA%3D%3D) | [Black Stone e IT](https://www.linkedin.com/company/blackstoneeit/life?lipi=urn%3Ali%3Apage%3Ad_flagship3_search_srp_jobs%3BNjFvs%2FCEStWI3TuHgywhbA%3D%3D) | [Machine Learning Engineer](https://www.linkedin.com/jobs/view/3891661748/?alternateChannel=search&refId=G%2FJCNmC8BnPvPVkdkl8PUw%3D%3D&trackingId=xWir7PDjvcz8ahrYHiG7Ww%3D%3D&trk=d_flagship3_search_srp_jobs&lipi=urn%3Ali%3Apage%3Ad_flagship3_search_srp_jobs%3BNjFvs%2FCEStWI3TuHgywhbA%3D%3D) |
| [Envision Employment Solutions](https://www.linkedin.com/company/envision-employment-solutions/life) | [Gen AI Developer / Programmer](https://www.linkedin.com/jobs/view/3941947549/?alternateChannel=search&refId=IOfvrEbnf%2FoNiox12kM9uw%3D%3D&trackingId=GKLly6FayUT8ta1R6OKKRA%3D%3D&trk=d_flagship3_search_srp_jobs) | Lux oft | [Junior Test Automation Engineer](https://www.linkedin.com/jobs/view/3970926372/?alternateChannel=search&refId=G%2FJCNmC8BnPvPVkdkl8PUw%3D%3D&trackingId=p6HrHsr%2BeSOJDtGlw%2BI2BA%3D%3D&trk=d_flagship3_search_srp_jobs&lipi=urn%3Ali%3Apage%3Ad_flagship3_search_srp_jobs%3BNjFvs%2FCEStWI3TuHgywhbA%3D%3D) |
| Siemens | [Machine Learning Engineer](https://www.linkedin.com/jobs/view/3965448912/?alternateChannel=search&refId=IOfvrEbnf%2FoNiox12kM9uw%3D%3D&trackingId=qHHFVQGlbWZKVA8Ioz4OrQ%3D%3D&trk=d_flagship3_search_srp_jobs) | [Deloitte](https://www.linkedin.com/company/deloitte/life?lipi=urn%3Ali%3Apage%3Ad_flagship3_search_srp_jobs%3BNjFvs%2FCEStWI3TuHgywhbA%3D%3D) | [Innovation Hub I AI / ML Engineering Lead, Cairo, Egypt](https://www.linkedin.com/jobs/view/3968702828/?alternateChannel=search&refId=yklNOq7auBgUWQiH312vug%3D%3D&trackingId=1WTR3papkCV6wk1JtgFMJg%3D%3D&trk=d_flagship3_search_srp_jobs&lipi=urn%3Ali%3Apage%3Ad_flagship3_search_srp_jobs%3BNjFvs%2FCEStWI3TuHgywhbA%3D%3D) |