

DIGITAL NAO X TECMILENIO

CHALLENGE 3:

SERVER AND DATABASE COMMANDS

Prepared by

Emiliano Rafael Osuna Herrera

NAO ID: 3318

Program: Information Technology Engineering

Date: 30/09/2025

Endpoints

- Author API: allows you to scrape author results from the Google Scholar Author search
 page. The API is accessed through the following endpoint:
 https://serpapi.com/search?engine=google_scholar_author
- **Cite API:** allows you to scrape cite results from the Google Scholar organic results. The API is accessed through the following endpoint:

https://serpapi.com/search?engine=google scholar cite

• **Profiles API:** allows you to scrape profile results from the Google Scholar Profiles search page. The API is accessed through the following endpoint:

https://serpapi.com/search?engine=google_scholar_profiles

Authentication Methods

- Requires an API key from SerpApi.
- Pass via query param api_key=YOUR_KEY.
- Sign up for a free account to obtain the key.

Query Parameters

- **q** → Search query (e.g., author name, article title).
- api_key → Parameter defines the SerpApi private key to use.
- hI → Language (e.g., en).

Response Formats

- Responses are in JSON and HTML.
- Contain metadata (author, title, citation count, year, etc.).
- Nested objects for citations, co-authors, and article details.

Usage Limits

- Free plan: 100 searches/month.
- Paid plans: Higher request limits depending on subscription.