

## CSCI 201 – Fall 2023

### Assignment 3

#### How to Search Yelp using YELP Fusion API Key


To get a Yelp fusion API key, please follow these steps:


- Create a new account at:  
<https://www.yelp.com/signup>


### Sign Up for Yelp

Connect with great local businesses

By continuing, you agree to Yelp's [Terms of Service](#) and acknowledge Yelp's [Privacy Policy](#).

 Continue as Marco  
papa.marco@gmail.com



 Continue with Apple

Don't worry, we never post without your permission.

OR

First Name

Last Name

Email

Password

Password must be at least 6 characters in length

ZIP Code

**Birthday** Optional

Month

Day

Year



Sign Up


Already on Yelp? [Log in](#)

- Login to Yelp

**Log in to Yelp**  
New to Yelp? [Sign up](#)

By continuing, you agree to Yelp's [Terms of Service](#) and acknowledge Yelp's [Privacy Policy](#).

 Continue as Marco  
papa.marco@gmail.com ▼ 

 **Continue with Apple**

OR

Email

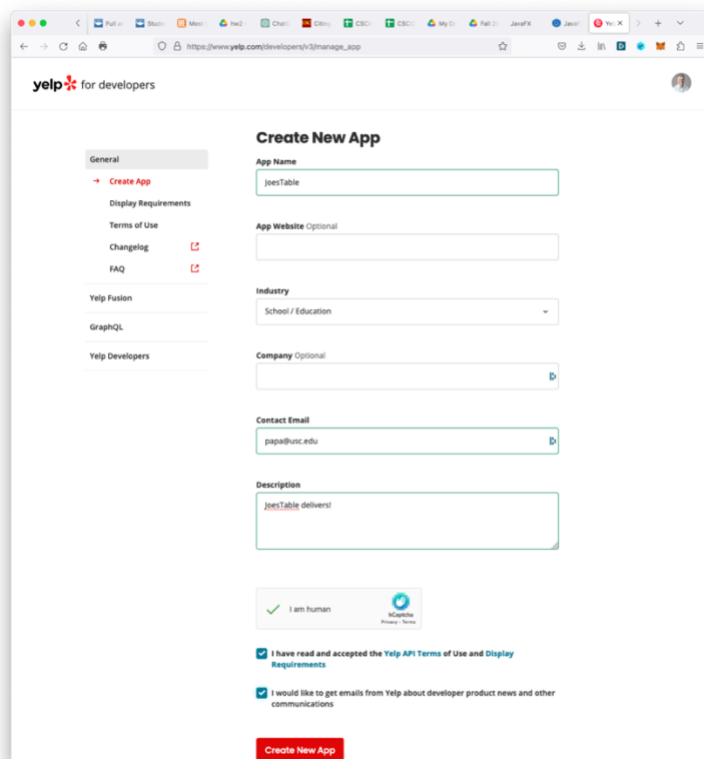
Password

[Forgot password?](#)

**Log In**

New to Yelp? [Sign up](#)

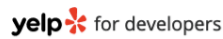
- Go to Create a new App at:  
[https://www.yelp.com/developers/v3/manage\\_app](https://www.yelp.com/developers/v3/manage_app)
- In the **Create New App** form, enter information about the app and click **Create New App**.



The screenshot shows the 'Create New App' form on the Yelp Developers website. The form is titled 'Create New App' and is part of the 'yelp for developers' interface. On the left, there is a sidebar with navigation links: 'General', 'Create App' (highlighted with a red arrow), 'Display Requirements', 'Terms of Use', 'Changelog', 'FAQ', 'Yelp Fusion', 'GraphQL', and 'Yelp Developers'. The main form area contains the following fields and sections:

- App Name:** A text input field containing 'joesTable'.
- App Website Optional:** A text input field.
- Industry:** A dropdown menu with 'School / Education' selected.
- Company Optional:** A text input field with a blue 'D' icon on the right.
- Contact Email:** A text input field containing 'papa@usc.edu' with a blue 'D' icon on the right.
- Description:** A text area containing 'joesTable delivers!'.
- Checkboxes:**
  - ☒ I am human (with a blue checkmark icon).
  - ☒ I have read and accepted the [Yelp API Terms of Use and Display Requirements](#).
  - ☒ I would like to get emails from Yelp about developer product news and other communications.
- Create New App:** A red button at the bottom.

- Go to the Manage App on the left panel and you will see your Client ID and API Key.



General

→ Manage App

Email/Notifications

Display Requirements

Terms of Use

Changelog

FAQ

Yelp Fusion

GraphQL

### My App

**Client ID**  
oXvSw0TSaKRrhBzAoZKyig

**API Key**  
yTRW\_HHXX\_I5wq44oVjJB06fhP7pT0hzknZBhFjdKAF79YajCTWRhAZDya6HSYxFm4clR  
OcLvnlInOe4G7ElzM9imRKTVuldN6gSqbc6jqVppNpbpoRw53FjN9vMEZXYx

**App Name**  
JoesTable

**App Website** Optional

- The Yelp Fusion API documentation can be found at:  
<https://docs.developer.yelp.com/docs/fusion-intro>
- Use the Yelp Businesses Search API documented at:  
[https://docs.developer.yelp.com/reference/v3\\_business\\_search](https://docs.developer.yelp.com/reference/v3_business_search)
- Search using term, latitude and longitude.
- Add Authentication headers. with documentation found at:  
<https://docs.developer.yelp.com/docs/fusion-authentication>
- Use Authentication Headers: put the API key inside of the request header as “**Authorization: Bearer <YOUR API KEY>**” and make requests against the API.
- API Usage limits are shown below.

### API Usage

|                          |     |
|--------------------------|-----|
| Daily API limit          | 500 |
| Remaining API Calls      | 500 |
| 30-Day Hit Total         | 0   |
| 30-Day Daily Mean Hits   | 0   |
| 30-Day Daily Median Hits | 0   |

- Use class HttpURLConnection, documented at:  
<https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/net/HttpURLConnection.html>