

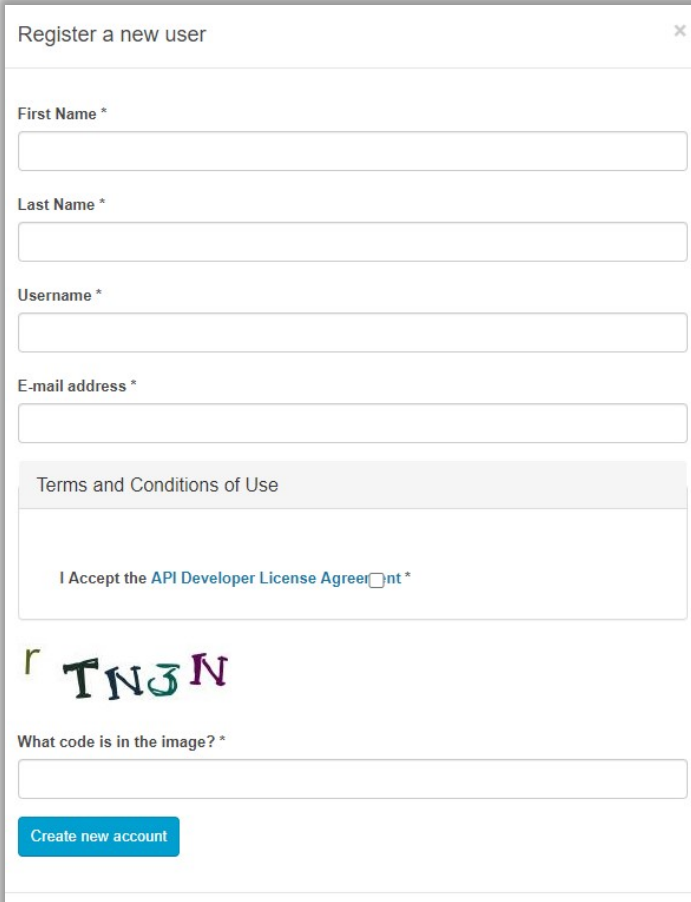
Creating a TD Ameritrade Developer Account

Step 1: Create a New TD Developer Account

The first part of getting an API key from TD Ameritrade is to create a developer account with them. Technically, you can create a developer account with TD Ameritrade without having an actual account with them, but you'll find that access is limited. Navigate to the link below to begin the process:

<https://developer.tdameritrade.com/>

Once here, in the upper right hand corner you'll see a green button with the label **"Register App"**. Click it and the following input form will appear:

A screenshot of a web form titled "Register a new user" with a close button (X) in the top right corner. The form contains several input fields: "First Name *" with an asterisk, "Last Name *" with an asterisk, "Username *" with an asterisk, and "E-mail address *" with an asterisk. Below these is a section titled "Terms and Conditions of Use" which contains a checkbox labeled "I Accept the API Developer License Agreement *" with an asterisk. Underneath the terms is a CAPTCHA image showing the letters "r TN3 N" in a stylized font. Below the CAPTCHA is a label "What code is in the image? *" with an asterisk. At the bottom left of the form is a blue button labeled "Create new account".

Register a new user

First Name *

Last Name *

Username *

E-mail address *

Terms and Conditions of Use

I Accept the API Developer License Agreement *

r TN3 N

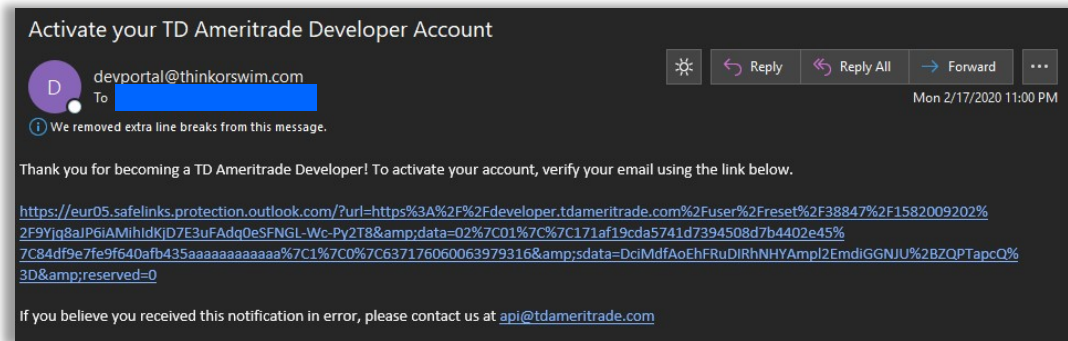
What code is in the image? *

Create new account

You'll need to fill out all of the information before continuing. Once you've filled out the form press the **"Create New Account"** button in the lower right hand corner.

Step 2: Activate your Developer Account

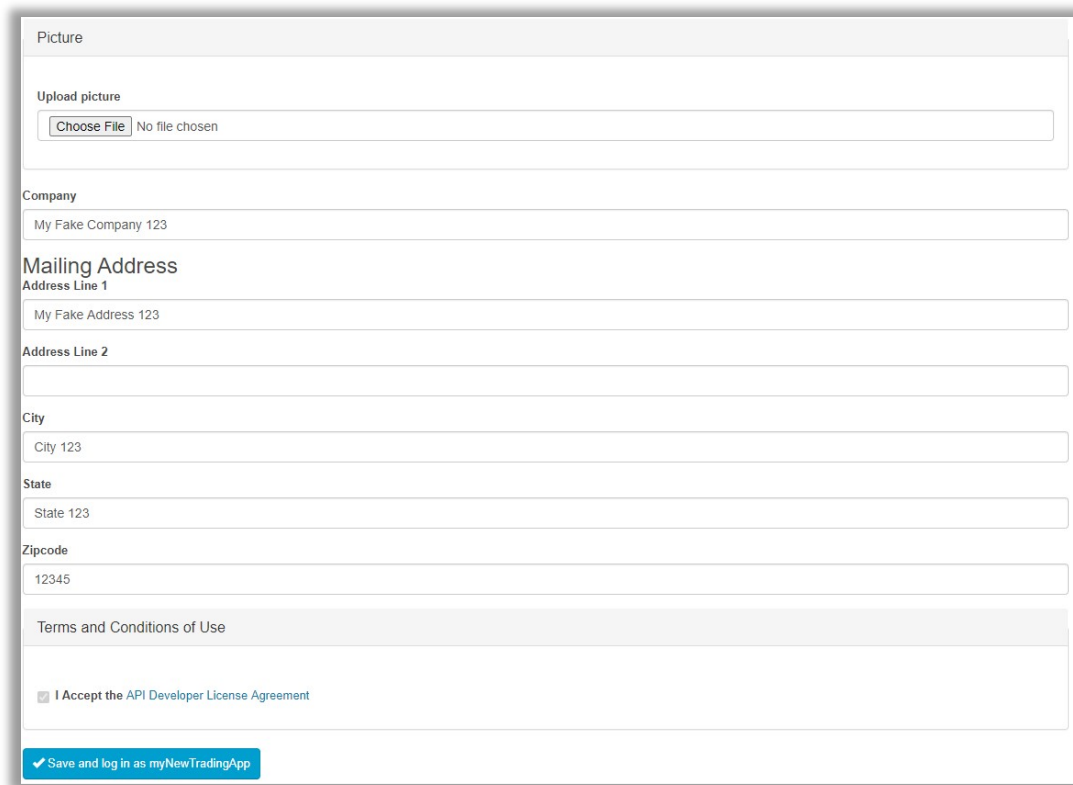
An email will be sent to you that will require you to click the link in the body of the email to activate the developer account associated with your email. Here is how the email appeared when my account was created.



After you click this link you'll be taken back to the TD Developer website. Once there, you'll need to provide some additional information about yourself before you can create a new app. The first piece of information, is you'll need to create a password for your TD Developer account. You'll only need this to login.

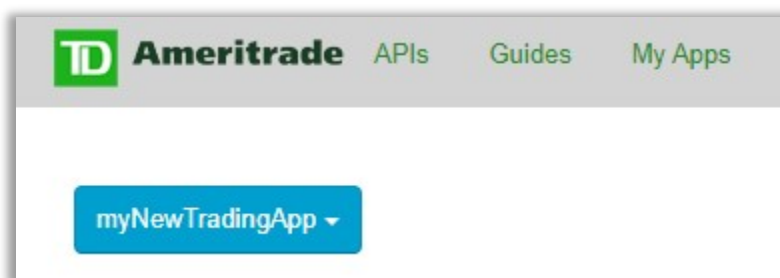
A screenshot of a web form titled "Edit Profile". It contains three input fields: "E-mail address *" with a blue redaction box, "Password *" with a green checkmark, and "Confirm password *" with a green checkmark. The form is set against a light gray background.

After that, you'll need to provide some information about your address and any company related info:



The screenshot shows a registration form for a TD Ameritrade Developer Account. The form is divided into several sections: 'Picture' with an 'Upload picture' button and a 'Choose File' button; 'Company' with a text field containing 'My Fake Company 123'; 'Mailing Address' with fields for 'Address Line 1' (containing 'My Fake Address 123'), 'Address Line 2', 'City' (containing 'City 123'), 'State' (containing 'State 123'), and 'Zipcode' (containing '12345'). Below the address fields is a 'Terms and Conditions of Use' section with a checkbox labeled 'I Accept the API Developer License Agreement'. At the bottom is a blue button with a checkmark icon and the text 'Save and log in as myNewTradingApp'.

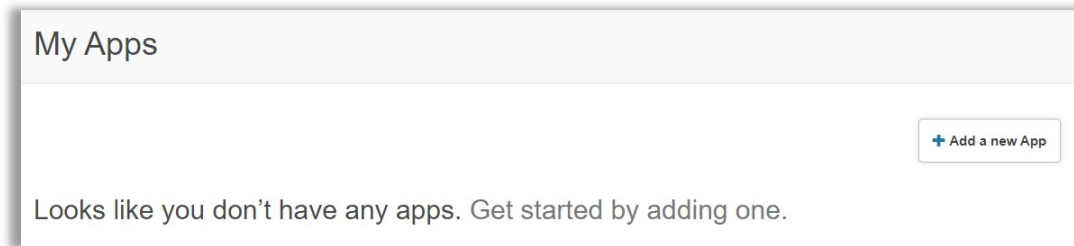
Once you've filled out the info. Click the **"Save and log in as <INSERT APP NAME>"** button in the lower portion of the pane. You'll be redirected back to the main page, however you'll see some new options. In the upper right-hand corner you'll now see a blue dropdown that has the name of your Username in it:



In my case, my username is "myNewTradingApp". Additionally, you'll see a new button called **"My Apps"** this is where you can register a new app with TD Ameritrade. To begin the process of registering a new app click the **"My Apps"** button. You'll be redirected to a new page.

Step 3: Register an Application

On the “My Apps” page, you can manage existing Applications or add new ones. Since this is a new account you’ll only have the option to **“Add a new App”**. On the left hand side, click the button that says **“+ Add a new App”** to begin the process of registering an Application.

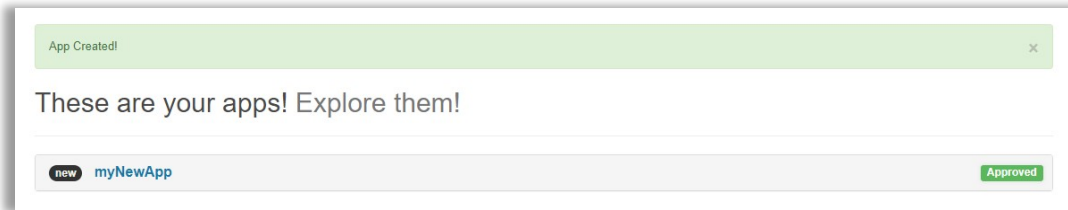


From here, you’ll need to provide some details about your new application. For example, it’s name, the callback URL, and a description of your app. All this information needs to be provided in the following form:

A screenshot of the application registration form. It contains three input fields: 'App Name *' with the value 'myNewApp', 'Callback URL *' with the value 'http://localhost/test', and 'What is the purpose of your application? *' with the value 'I would like to make a trading robot!'. At the bottom left is a blue 'Create App' button. At the bottom right is a green circular icon with a plus sign.

Note on the “Callback URL”: It’s very important you keep this information handy because you’ll need it to use the API. The callback URL is used during the authentication workflow and will be used by the TD API python library to get an authorization code. You can always see your “Callback URL” from the Developer website. However, I would recommend you copy it over you an empty python file for now.

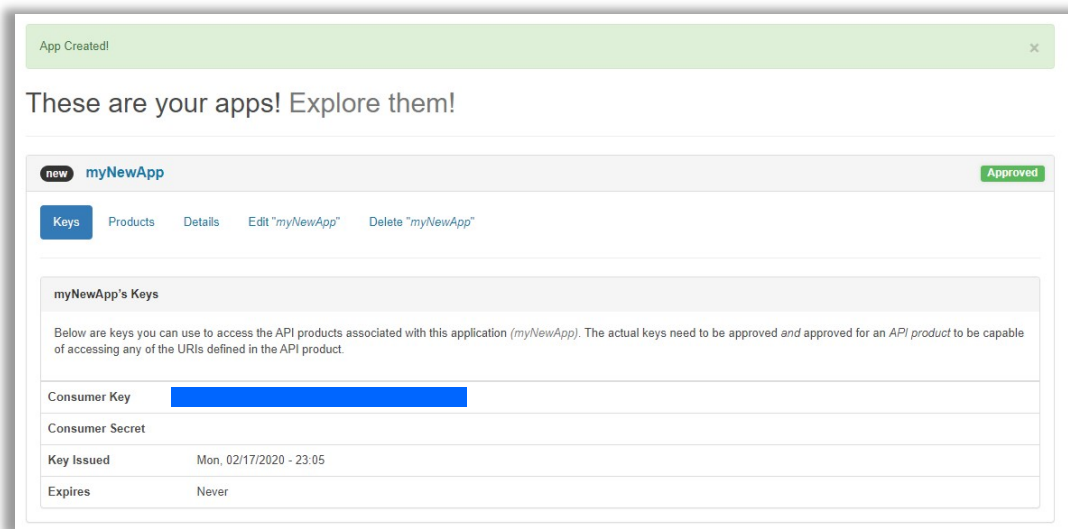
Once you've filled out the required information, you can press the "Create App" button in the lower left hand corner. If everything was successful, you'll see the following image on your "My Apps" page, you can see the your new app and it's status.



Step 4: Grab your Account Credentials

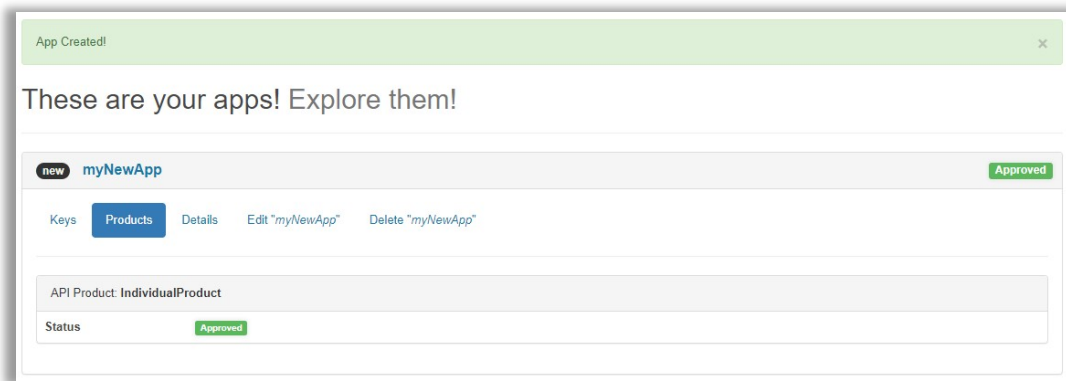
Now that you have an Application registered, you'll need to grab some info from it so you can use it in Python. If you click the name of your app across from the black "new" button section will expand to reveal more information about your application.

The first page is the **"Keys"** page, this contains all the information needed for authentication and looks like the following:

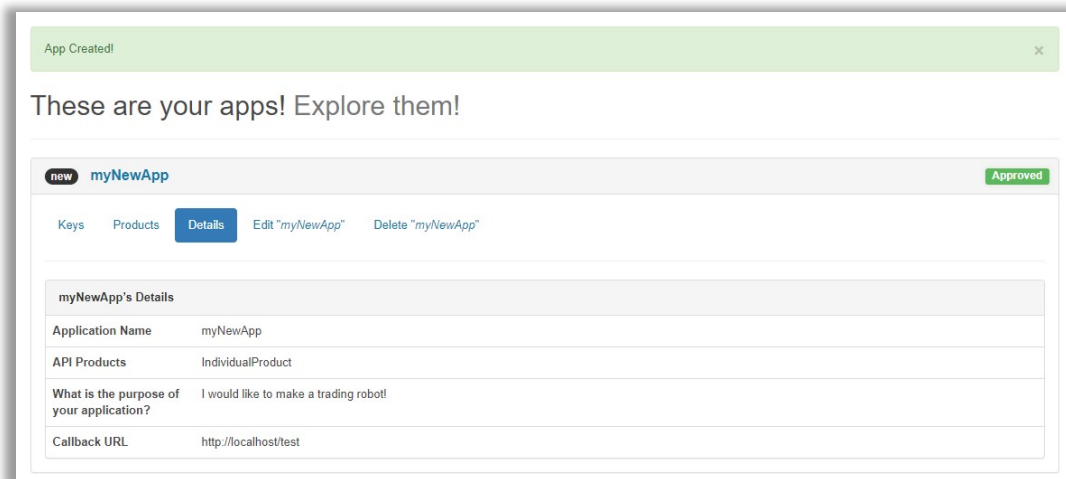


From here you'll need to grab your **"Consumer Key"** and store it in the same file as your redirect URI. The consumer key, also called consumer ID, is used in the authentication workflow. **IT'S VERY IMPORTANT YOU DO NOT SHARE YOUR CONSUMER KEY!**

The second page, is the **"Products"** page, this doesn't tell you much information but it will tell you the status of your API Product, which is your App. If it's green and contains "Approved" it means it's safe to use.



The third page, is the **"Details"** page and contains details regarding your App. You can not edit the information from this page, however, if you click the **"Edit <INSERT APP NAME>"** button to the right of the blue **"Details"** button you can edit the information.



If it at any point you want to delete your application, click the "Delete <INSERT APP NAME>" button on the far right hand side of the "App Management" pane. Once you delete your app it's gone forever, and the only way to use the API is to register a new application.