## **Show User**

Returns all data for a single user; Uses their user ID to find their name, personal information, work experience, education, skills, jobs they saved or applied to, and groups they are in

* URL
  + /user/:id
* Method:
  + GET
* URL Params
  + Required: id = [integer]
  + Optional: None
* Data Params
  + errorCode: number code of what type of data was returned
  + errorMessage: string of message to display if there was an error or not
  + data: output of fetched data for the user profile
    - First\_Name: user’s first name
    - Last\_Name: user’s last name
    - Personal\_Info: output of the personal information of the user
      * ID: int of the personal info id
      * BIOGRAPHY: text of the user’s biography
      * CURRENT\_POSITION: string of the position the user currently works as
      * CONTACT\_EMAIL: current contact email of the user
      * PHONE\_NUMBER: user’s phone number
      * PHOTO: int of the photo id for the user’s profile pic
      * USERS\_ID: id of the user whom the personal information belongs to
      * ADDRESSES\_ID: id of the address of the place of work
    - Education: output of the education of the user
      * ID: int of the education id
      * SCHOOL: string of school the user went to
      * DEGREE: string of degree the user attained
      * START\_YEAR: int of the year that the user started school
      * END\_YEAR: int of the year that the user ended school
      * ADDITIONAL\_INFORMATION: any additional info that the user wanted to include
      * USERS\_ID: id of the user whom the education belongs to
    - Work: output of the work experience of the user
      * ID: int of the work experience id
      * POSITION: string of the position the user worked as
      * COMPANY: string of the company the user worked for
      * START\_YEAR: int of the year that the user started working
      * END\_YEAR: int of the year that the user ended working
      * ADDITIONAL\_INFORMATION: any additional info that the user wanted to include
      * USERS\_ID: id of the user whom the work experience belongs to
      * ADDRESSES\_ID: id of the address of the place of work
    - Skills: output of the skill(s) of the user
      * ID: int of the skills id
      * SKILLS\_NAME: string of the skill the user has
      * USERS\_ID: id of the user whom the skill belongs to
    - User\_Groups: output of the group(s) the user belongs to
      * ID: int of the group id
      * USERS\_ID: id of the user whom the group membership belongs to
      * GROUP\_NAME: string of the group name
      * DESCRIPTION: string of the description of the group
    - Saved\_Jobs: output of the job(s) the user has saved
      * ID: int of the saved job id
      * NAME: string of the name or position of the job posted
      * COMPANY: string of the company of the job posted
      * PAY: string of the pay for the job posted
      * DESCRIPTION: string of the description of the job posted
    - Applied\_Jobs: output of the job(s) the user has applied to
      * ID: int of the saved job id
      * NAME: string of the name or position of the job posted
      * COMPANY: string of the company of the job posted
      * PAY: string of the pay for the job posted
      * DESCRIPTION: string of the description of the job posted
* Success Response:
  + Code: 0  
    Content: {"errorCode":0,"errorMessage":"OK","data":{"First\_Name":"Mickey","Last\_Name":"Navarro","Personal\_Info":null,"Education":[{"ID":"1","SCHOOL":"Pinnacle High School","DEGREE":"High School Degree","START\_YEAR":"2013","END\_YEAR":"2017","ADDITIONAL\_INFORMATION":"None","USERS\_ID":"1"},{"ID":"2","SCHOOL":"Grand Canyon University","DEGREE":"Bachelor's","START\_YEAR":"2017","END\_YEAR":"Present","ADDITIONAL\_INFORMATION":"None","USERS\_ID":"1"}],"Work":[{"ID":"1","POSITION":"Brosita","COMPANY":"Dutch Bros","START\_YEAR":"2017","END\_YEAR":"2019","ADDITIONAL\_INFORMATION":"none","USERS\_ID":"1","ADDRESSES\_ID":"0"}],"Skills":[{"ID":"3","SKILLS\_NAME":"Sing","USERS\_ID":"1"},{"ID":"4","SKILLS\_NAME":"Coding","USERS\_ID":"1"}],"User\_Groups":[{"ID":"2","USERS\_ID":"1","GROUPS\_ID":"3","GROUP\_NAME":"Lopes Up","DESCRIPTION":"Went to GCU!"},{"ID":"8","USERS\_ID":"1","GROUPS\_ID":"4","GROUP\_NAME":"DBAZ","DESCRIPTION":"You work at Dutch Bros in Arizona"}],"Saved\_Jobs":[{"ID":"9","NAME":"Performer","COMPANY":"Disneyland","PAY":"$15\/hr","DESCRIPTION":"Must be able to sing and dance"}],"Applied\_Jobs":[{"ID":"12","NAME":"Something","COMPANY":"Something","PAY":"$11\/hr","DESCRIPTION":"Something"}]}}
* Error Response:
  + Code: -1 (User Not Found)  
    Content: {"errorCode":-1,"errorMessage":"User Not Found","data":""}
  + Code: -2 (Exception Error)  
    Content: {"errorCode":-2,"errorMessage":"(Exception Error Message)","data":""}
* Notes:
  + None

## **Show All Job Postings**

Fetches data about multiple job postings

* URL
  + /jobs
* Method:
  + GET
* URL Params
  + Required: None
  + Optional: None
* Data Params
  + errorCode: number code of what type of data was returned
  + errorMessage: string of message to display if there was an error or not
  + data: output of fetched data for the user profile

OR

* + ID: int of the job id
  + NAME: string of the name or position of the job posted
  + COMPANY: string of the company of the job posted
  + PAY: string of the pay for the job posted
  + DESCRIPTION: string of the description of the job posted
  + ADDRESSES\_ID: id of the address of the place of work
* Success Response:
  + Code: 0   
    Content: [{"ID":"1","NAME":"Barista","COMPANY":"Ducth Bros","PAY":"$11\/hr","DESCRIPTION":"Make coffee","ADDRESSES\_ID":"0"},{"ID":"8","NAME":"Cashier","COMPANY":"Target","PAY":"$11\/hr","DESCRIPTION":"Must have basic math skills and experience in customer service","ADDRESSES\_ID":"0"},{"ID":"9","NAME":"Performer","COMPANY":"Disneyland","PAY":"$15\/hr","DESCRIPTION":"Must be able to sing and dance","ADDRESSES\_ID":null},{"ID":"10","NAME":"Programmer","COMPANY":"Soundcloud","PAY":"$15\/hr","DESCRIPTION":"Must be able to code in PHP, C#, or Java","ADDRESSES\_ID":null},{"ID":"11","NAME":"Programmer","COMPANY":"Flo","PAY":"$14\/hr","DESCRIPTION":"Must be able to code in PHP, C#, or Java","ADDRESSES\_ID":null},{"ID":"12","NAME":"Something","COMPANY":"Something","PAY":"$11\/hr","DESCRIPTION":"Something","ADDRESSES\_ID":null}]
* Error Response:
  + Code: -1 (Jobs Not Found)  
    Content: {"errorCode":-1,"errorMessage":"Jobs Not Found","data":""}
  + Code: -2 (Exception Error)  
    Content: {"errorCode":-2,"errorMessage":"(Exception Error Message)","data":""}
* Notes:
  + None

## **Show Job Posting**

Fetches data about a single job posting

* URL
  + /jobs/:id
* Method:
  + GET
* URL Params
  + Required: id = [integer]
  + Optional: None
* Data Params
  + errorCode: number code of what type of data was returned
  + errorMessage: string of message to display if there was an error or not
  + data: output of fetched data for the user profile
    - ID: int of the job id
    - NAME: string of the name or position of the job posted
    - COMPANY: string of the company of the job posted
    - PAY: string of the pay for the job posted
    - DESCRIPTION: string of the description of the job posted
* Success Response:
  + Code: 0  
    Content: {"errorCode":0,"errorMessage":"OK","data":{"job":{"id":"1","name":"Barista","company":"Ducth Bros","pay":"$11\/hr","description":"Make coffee"}}}
* Error Response:
  + Code: -1 (Job Not Found)   
    Content: {"errorCode":-1,"errorMessage":"Job Not Found","data":""}
  + Code: -2 (Exception Error)  
    Content: {"errorCode":-2,"errorMessage":"(Exception Error Message)","data":""}
* Notes:
  + None