



COSC 380: INTERNSHIP AFFORDABLE LLC

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What is Affordable?

- Affordable is a platform that is focused on a system based healthcare approach to improve the lives who need it.
- The goals of the platform are: simplify and improve the means of getting the resources and financial support for underprivileged populations, improve the distribution of resources through interinstitutional communication, and to promote Health-Utilizing Grants (HUGs) to increase immediate financial assistance directed toward improving healthcare outcomes.
- The mission its to provide one portal, application and database that will automatically connect individuals who don't have the means to a community network and help reduce barriers to healthcare access.

Duties: Creating Dwolla API

Request and response

```
RAW PHP RUBY PYTHON JAVASCRIPT
POST https://api-sandbox.dwolla.com/funding-sources
Content-Type: application/vnd.dwolla.v1.hal+json
Accept: application/vnd.dwolla.v1.hal+json
Authorization: Bearer pBA9fVDBEyYZCEsLf/wKehyh1RTpzjUj5KzIRFDi0wKTii7DqY
{
  "routingNumber": "222222226",
  "accountNumber": "123456789",
  "bankAccountType": "checking",
  "name": "My Bank"
}
...
HTTP/1.1 201 Created
Location: https://api-sandbox.dwolla.com/funding-sources/04173e17-6398-4d36-a167-9d98c4b1f1c3
copy
```

- Dwolla is a way too initiate bank transfers, manage users and instantly verify bank accounts.
- My role was to go to the API docs page and make every element into a request and response function.

Duties: Creating JSON files for our application screen

- Had to look at mock platform screens and create JSON files that resembled what the screen had.
- Need to look at the code again to see how it was split up and how it all connect

Challenges

- This was an unpaid internship. A big challenge was finding time to do this and make money.
- Working on it consistently every week.
- Finding time to meet with the lead developer, his schedule was very all over the place.

Classroom Experiences

- The nicest part about this internship was that it was all in C++.
- Majority of the code were things I haven't seen before, but because it was in a programming language I was familiar with.
- COSC 386 helped me because we were looking at phpMyAdmin quite a bit.

What I Learned

- The importance of having a team and dividing the workload between group members.
- The amount of ‘off the job working’ that needed to be done.
- Setting up a schedule to stay consistent with the amount of work that needed to be done.