

the. 🙌

dining. 🙌

app. 🙌

# Summary 🙌



*I spend more time  
getting the menu to  
work than eating  
the food.*

//

*I spend more time  
getting the menu to  
work than eating  
the food.*

**-Steve Jobs**

//

*I spend more time  
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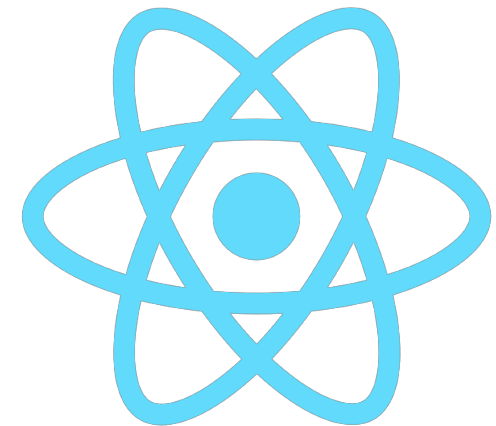
**-Steve Jobs**

**-Michael Scott**

# Skills and Tools



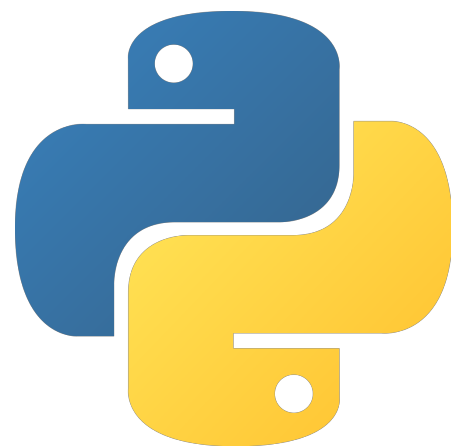
Google Cloud



 Expo



JUnit 




***Maven***<sup>TM</sup> 

# Outside Topics

 Cloud Native Development

 Mobile App Development

 Microservices

 Web-Scraping

 Dependency Injections

 Model View Controller

**AND...**



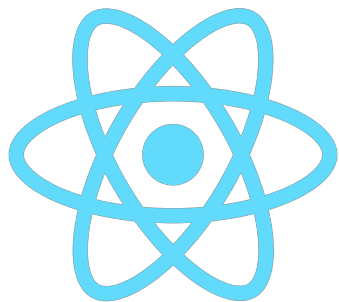
# Data Structures



**JSONObject (org.simple)**  
**JSONArray (org.simple)**  
**HashSet (java.util)**



**Dictionary**



**JSON**  
**JavaScript Array**



# Outside Courses

CSCI170    CSCI104

ITP125    CSCI103

BUAD302



# Project Design

 **Three-Tiered Design**

 **Loose Coupling**

 **2 Backends**



# Teamwork



## **Successes**

Dividing project  
responsibilities

Simple project idea



## **Pitfalls**

Communication

Detailed Project  
Requirements

Cameron

# App Functionality



## Networking

Cloud Functions  
used to scrape  
menu data/  
import into DB



## Multi-Threading

RESTful API calls, DB,  
and web-scraping on  
different threads



## Login

Users can  
save favorite  
meals  
  
Guests can  
search/  
display meals

# Demo



# Team.



**Cameron Podd**



**Cameron Durham**



**Dariya Khojasteh**



**Pearl Piyawiroj**