Yijun Zhang (Flora)

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SKILLS

- **Programming**: Java, C++, Python, Ruby, JavaScript, Shell, SQL

- **Technologies**: AWS(EC2, S3, Lambda, Dynamo DB), Kibana, Jenkins, Spring Boot, RESTful, HTML, CSS, jQuery, Django, Json, Git, Spark, Mockito

EDUCATION

- **Texas A&M University** — College Station, TX
  Master of Computer Science; GPA: 3.8/4.0 — *Aug. 2019 – May. 2021*
- **Sun Yat-sen University** — Guangzhou, China
  Bachelor of Science in Resources Environment; GPA: 3.8/4.0 — *Sep. 2012 – July. 2016*

EXPERIENCE

- **SailPoint Technologies** — Austin, TX
  Software Engineer Intern — *May, 2020 - Aug 2020*
    - Implemented back end APIs in Java to fulfill a new feature, extending the capabilities of SailPoint's access management software product.
    - Ensured code quality and maximized code coverage by producing unit and end-to-end tests, while using internal developer tools and elastic search in Kibana to make system testing.
    - Improved code readability and modularity by refactoring the existing code for the current product.
    - Proposed solutions for front-end displaying problems by checking the related micro-services, also documented testing issues.

PROJECTS

- **Dynamic Approver Callout for IdentityNow Product (Java, Kibana, Gradle, RESTful API, Jenkins, SaaS, Mockito)**
    - IdentityNow is a multi-tenant SaaS identity and access management (IAM) solution.
    - By implementing Java code to organize approval orders, setup delegation policies and set attributes, the new feature allows uses to add any identity or group to be the approver.

- **Web Fetching API (AWS: Lambda, API Gateway, S3, EC2, Python)**
    - A web API that will accept a parameter from user and trigger a Lambda function to download the web content as an object in the block storage (Amazon S3).
    - Used AWS EC2 to run a virtual machine instance that is constantly running in the back-end to monitor the object storage in S3 and generate hash values for each new page registered.

- **College Map of UC-Berkeley (Java)**
    - Implemented the back end of a web server with multiple functions including zoom in and zoom out, finding the route, auto-complete, and search system.
    - This application is deployed to Heroku. (http://bearmaps-floramap.herokuapp.com/map.html)

- **Pizza Order and Delivery website (Python, Django, HTML, CSS, JavaScript)**
    - A web application for handling a pizza restaurant's online orders.
    - Users can browse the restaurant's menu, add items to their cart, and submit their orders, and restaurant owners can add, update, and remove items on the menu.

SELECTED COURSES

- Analysis of Algorithms, Distributed Systems and Cloud Computing, Web Programming with Python and JavaScript, Machine Learning, Software Engineering, Computer Architecture, Operating System