Yijun Zhang (Flora)

https://yjzflora.github.io
https://www.linkedin.com/in/yjzflora/

Email : florayjz@tamu.edu
Mobile : +1-979-422-6868

EDUCATION

- **Texas A&M University** — College Station, TX
  Master of Computer Science; GPA: 3.9/4.0 — *Aug 2019 – Dec 2021*
- **Sun Yat-sen University** — Guangzhou, China
  Bachelor of Science in Resources Environment; GPA: 3.8/4.0 — *Sep 2012 – July 2016*

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, Micro-services

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 tests 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.

- **Guangzhou Urban Planning Institute** — Guangzhou, China
  Web Developer — *July 2016 - January 2019*
  - Built urban planning showcase websites using HTML, CSS and JavaScript.

PROJECTS

- **Dynamic Approver Callout for IdentityNow Product (Java, Kibana, Gradle, RESTful API, Jenkins, SaaS, Mokito, Micro-services)**
  - IdentityNow is a multi-tenant SaaS identity and access management software.
  - Achieved a new feature that allows software users to add any identity or group to be the approver by implementing back-end Java code and deploying tests.

- **Web Fetching API (Python, AWS: Lambda, API Gateway, S3, EC2)**
  - Built a web API that can accept URL and trigger a Lambda function to store the web content in AWS S3.
  - Implemented script to run a virtual machine instance in AWS EC2 for monitoring and hashing new page in AWS S3.

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

- **Pizza Order and Delivery Web App (Python, Django, HTML, CSS, JavaScript)**
  - Developed a Pizza order web application by using Django framework.
  - Users can browse the restaurant's menu, add items to shopping cart, and submit orders. Restaurant owners can add, update, and remove items on the menu.