

WEI XIAOPENG

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EDUCATION

Southern University of Science and Technology

Sep. 2015 – Jun. 2019

Bachelor of Engineering in Communication Engineering, GPA: 3.41/4.0

Shen Zhen, China

WORK EXPERIENCE

SenseTime

Jul. 2020 – Present

Software Development Engineer | Full-Time

Shen Zhen, China

- Developed a service to automatically perform a set of unit tests daily on a product in development in order to decrease time needed for team members to identify and fix bugs/issues.
- Incorporated scripts using Python and PowerShell to aggregate XML test results into an organized format and to load the latest build code onto the hardware, so that daily testing can be performed.
- Utilized Jenkins to provide a continuous integration service in order to automate the entire process of loading the latest build code and test files, running the tests, and generating a report of the results once per day.
- Explored ways to visualize and send a daily report of test results to team members using HTML, Javascript, and CSS.

SenseTime

Jul. 2019 – Jun. 2020

Software Test Development Engineer | Full-Time

Shen Zhen, China

- Assisted in development of the front end of a mobile application for iOS/Android using Dart and the Flutter framework.
- Worked with Google Firebase to manage user inputted data across multiple platforms including web and mobile apps.
- Collaborated with team members using version control systems such as Git to organize modifications and assign tasks.
- Utilized Android Studio as a development environment in order to visualize the application in both iOS and Android.

PROJECTS

SenseFoundry Image Ingress Service | *Go, gRPC, Kafka, Redis, Zookeeper, Prometheus*

- Developed an automatic bot using Python and Google Cloud Console to register myself for a timeslot at my school gym.
- Implemented Selenium to create an instance of Chrome in order to interact with the correct elements of the web page.
- Created a Linux virtual machine to run on Google Cloud so that the program is able to run everyday from the cloud.
- Used Cron to schedule the program to execute automatically at 11 AM every morning so a reservation is made for me.

SenseFoundry Camera Manager Service | *Go, gRPC, MySQL/TiDB, Prometheus*

- Created an Android application using Java and Android Studio to calculate ticket prices for trips to museums in NYC.
- Processed user inputted information in the back-end of the app to return a subtotal price based on the tickets selected.
- Utilized the layout editor to create a UI for the application in order to allow different scenes to interact with each other.

TECHNICAL SKILLS

Go:

Kafka: Linux, Jenkins, GitHub, JUnit, WordPress

Kubernetes: Ansible and Helm Chart.