Masahiro Yoshida

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Summary

To obtain a Fall Part-Time intern position that will allow me to utilize my problem-solving skills and financial services and to further develop my abilities in the field of Software Engineering.

Education

- **Bachelor of Science in Computer Science** **December 2019**
  The University of Texas at Dallas - Richardson, Texas **GPA: 4.00**
- **Associate of Science in Software** **May 2017**
  Engineering Richland College - Dallas, Texas **GPA: 4.00**

Professional Experience

Full Stack Engineer **CITT Services, Dallas** **May 2018 – present**

- Served Flask Applications with Gunicorn and Nginx on GCP, Ubuntu 16.04
- Initiated Jenkins to detect changes made on GIT repositories and to execute Shell Scripts to automate integration; eliminated error possibilities when manually deploying and encouraged time efficiency for all of CITT Services
- Developed automation using Dialogflow; created a Chat Bot that communicates with customers and automatically redirect their concerns with the appropriate response action; this implementation was arranged on Slack train the bot and to allow passing over a bot flow to human interaction on Slack; diminishes the need for human interaction with customer support
- Training in Foreign Exchange field to implement a customer support chat bot

Stack of Technology

- **Programming Languages:** Python, SQL, JAVA, HTML5, CSS3, JavaScript, C/C++
- **Tools:** Google Cloud Platform, Nginx, Gunicorn, Jenkins, Git, Shell/Bash, jQuery, Bootstrap, SQLite, Node.js
- **Operating System:** Ubuntu, Windows, OS X
- **Language:** Fluent in Japanese (native)

Academic Projects

Mobile Attendance-taking Application (CS3354: Software Engineering, Grade: A+) **Spring 2018**

- Designed and planned a mobile application which utilizes Geolocation and Facial Recognition to take a class attendance, using Swift for iOS and Kotlin for Android
- Successfully modernized the conventional attendance-taking system and increase the efficiency of the process to yield more teaching time
- Co-author with Dr. Ebru Cankaya and three other computer science students to write a paper. The paper is accepted as a Late Breaking Paper at FECS'18

Dropbox (CS3377: Unix/Linux Environment, Grade: A) **Spring 2018**

- This monitors changes to files and directories
- Written in C++ and used several techniques such as parsing, signal handling, process control, piping, and inotify

Personal Projects

Auto class recommender **2017 - 2018**

- It gives recommended classes in a selected degree plan based on classes taken
- Applied graph theory using NetworkX with graphical user interface in Tkinter

Personal Website – MasahiroYoshida.herokuapp.com **2018**

- Wrote my personal website using HTML5, CSS3, Bootstrap4, and jQuery; Implemented with Flask and Gunicorn in backend; Deployed on Heroku server

Relevant Courses

- Data Structure and Algorithm Analysis
- Computer architecture