

# 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 Unicorn and Nginx on GCP, Ubuntu 16.04.
  - Set up a Jenkins job to detect changes made on repository and to execute shell scripts to automate deployment.
  - Created a customer support bot in financial service on Facebook Messenger using Dialogflow. Set it up on Slack to train the bot and to allow passing over a bot flow to human interaction on Slack.

- Student Transition Program** **University of Texas, Dallas** **September 2017 – present**
- Conducted hundreds of phone calls to encourage students to attend an orientation.
  - Organized events such as transfer orientation. The biggest event hosts more than 2000 students.
  - Offered a smooth transition to transfer students and connect them to information and resources to have a successful academic life.

## Stack of Technology

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

## Personal Projects

- Chat Bot** **2018**
- Created a conversational chat bot in Python using NLTK.
  - Utilized sentiment analysis to detect emotions expressed in inputted messages.

- 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.
  - Individual project. The project code can be accessed here: [Auto class recommender](#)

- GoToClass – Mobile Attendance-taking Application** **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.
  - 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.

- Personal Website** **2018**
- Wrote my personal website using HTML5, CSS3, Bootstrap4, and jQuery. Implemented with Flask and Unicorn in backend.
  - Deployed on Heroku. [MasahiroYoshida.herokuapp.com](https://MasahiroYoshida.herokuapp.com)

## Relevant Courses

- Data Structure and Algorithm Analysis
- Computer architecture
- Unix/Linux Environment
- Foundation of OOP