**University of Rwanda**

**College of science and technology**

**Department of IT**

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Internship Report

# **Introduction**

Internship is a field-based practical training experience that prepare students for the tasks they are expected to perfom on completion of their programs.

My internship in UR/CST-innovator began from 16th,July,2019 to 7th, Sept,2019. During this internship, there was an addition of skills acquired and among these were ability to work under minimum supervision, planning to be able to beat deadlines and being a team Player. Also, I attended the workshop of python prepared by students of University of Glasgow that took place in university of Rwanda, college of science and technology for two weeks and I awarded certificate.

# **Objective of the project**

The project was a web based application for University of Rwanda that enables the lecturer to share their ideas with students or other persons who visit the system of UR. A system will allow lecturers to write article and post them so students or other people who are interested would view, read, up-vote, comment on them, and also they can subscribe on a certain college articles.

# Progress

We have been able to develop this system and it has been completed. I worked on back-end. I designed the view of the pages, the articles are presented in form of cards with a cover picture and up-vote, down-vote and comment icons also in dashboard I customized the forms including login and sign-up forms.

# Challenges

The main challenge for me was that it was the first time for me building a system using python-Django so I was supposed first to know some knowledge about, it took much time to get familiar with it but the workshop I mentioned above helped me to learn different skills and knowledge about python.

# Suggestions to the organization (CST/ ICT Innovator)

I suggest to the organization to increase the practical skills in terms of programming course in class, the number of chairs in the room where students work on their project because some time it was a problem to get chairs so it took some time searching for them.

# Comment

I found myself rather lucky by getting the chance to work in such an environment that University of Rwanda provided and got introduced to some of the new Technologies and new programming Languages i.e python.

The project I worked on helped me to increase my skills in programming and management .

After the internship, I more confident, more skilled and more professional than I was before.