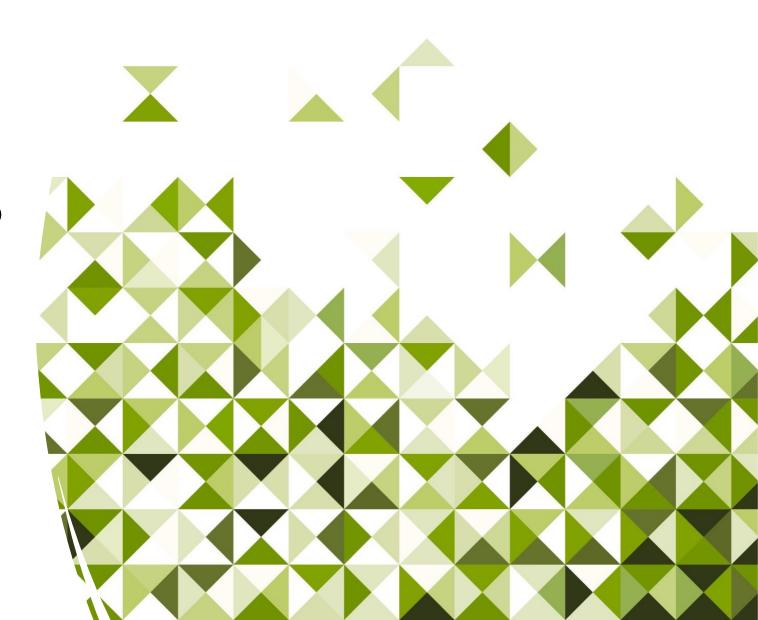
# HackKU Beginner's Workshop

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#### WHAT IS THE PURPOSE OF THE WORKSHOP?

Introduce the newcomers of the hackathon to useful tools and technologies to bootstrap a new cool project you are working on!

#### LET'S SEE WHAT WE ARE GONNA TALK ABOUT

We will talk about collaborative development, as in how to use git, GitHub, and a cool web server using python + JS/HTML/CSS stack

#### MOTIVATION

There are those times, when you need to work on a project with someone else, or many others. How do you collaborate your code and edits?

#### WHAT IS GIT?

Git is (the) most popular version control developers all around the world use to track changes in their code and work with others

### OKAY, BUT WHAT IS GITHUB?

GitHub is an online platform that makes use of git and online collaborations (much much) easier. You would just need to make an account!

#### LET'S SEE THE DEMO - GITHUB.COM

Open the command line and type in "git"

#### WHAT WE DID

- Create a github account
- Create a new github repository
- Clone the repository and add files
- Finally, push the new file

#### WHAT IS PYTHON?

Shiny cool functional scripting powerful dynamic garbage-collected almost-lazy packaged programming language that (many) love

#### MOTIVATION FOR A SERVER

You would want your code to communicate with the outside world, like webpages and websites. How do you do that?

#### WEB SERVER

Web server is an application capable of talking to the internet and receiving data back from it. Any website you open is hosted on a web server

#### HOW TO DO IT IN PYTHON?

Python has an (amazing) package called Flask, which allows webserver development super fast and comfortable!

#### HOW DO I DO THAT?

Let's jump straight to the demo and get started!

#### THANK YOU

## Let's have a questions session