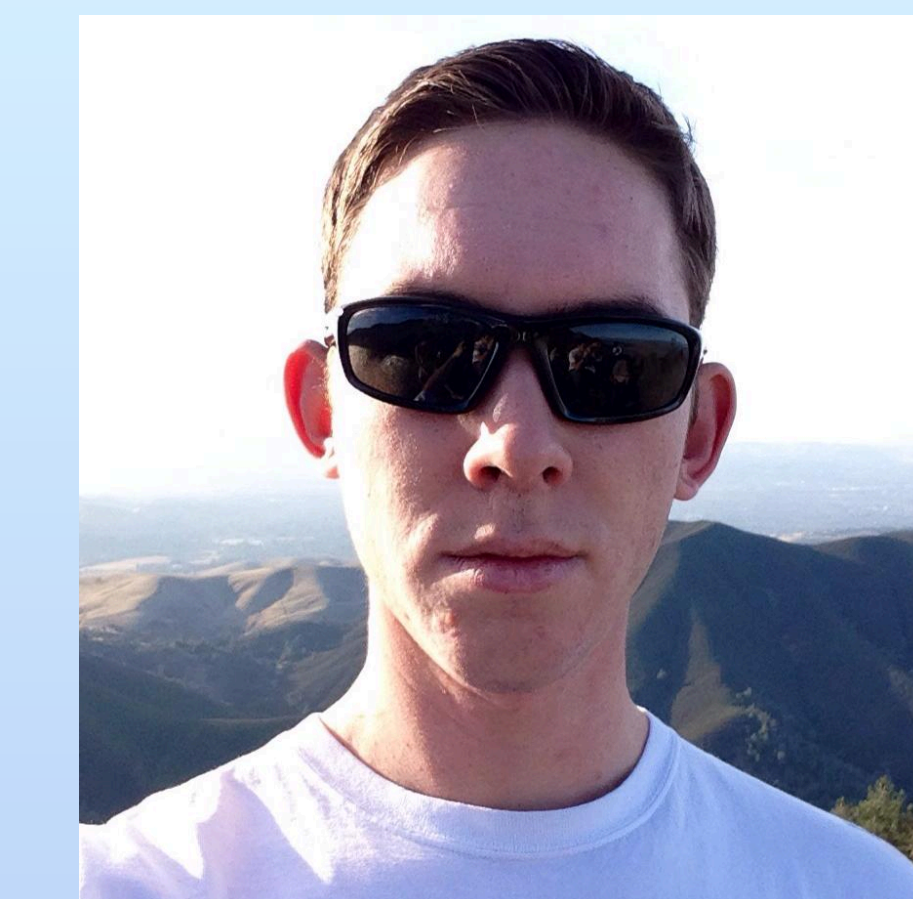




# Webshooter 2.0



## Learning Web:

- **HTML:** The standard markup language used to create web pages.
- **CSS:** Style sheet language used for describing the look and formatting of a document written in a markup language.
- **JavaScript:** A dynamic computer language used in web browsers to allow client-side scripts and interactions with the user.

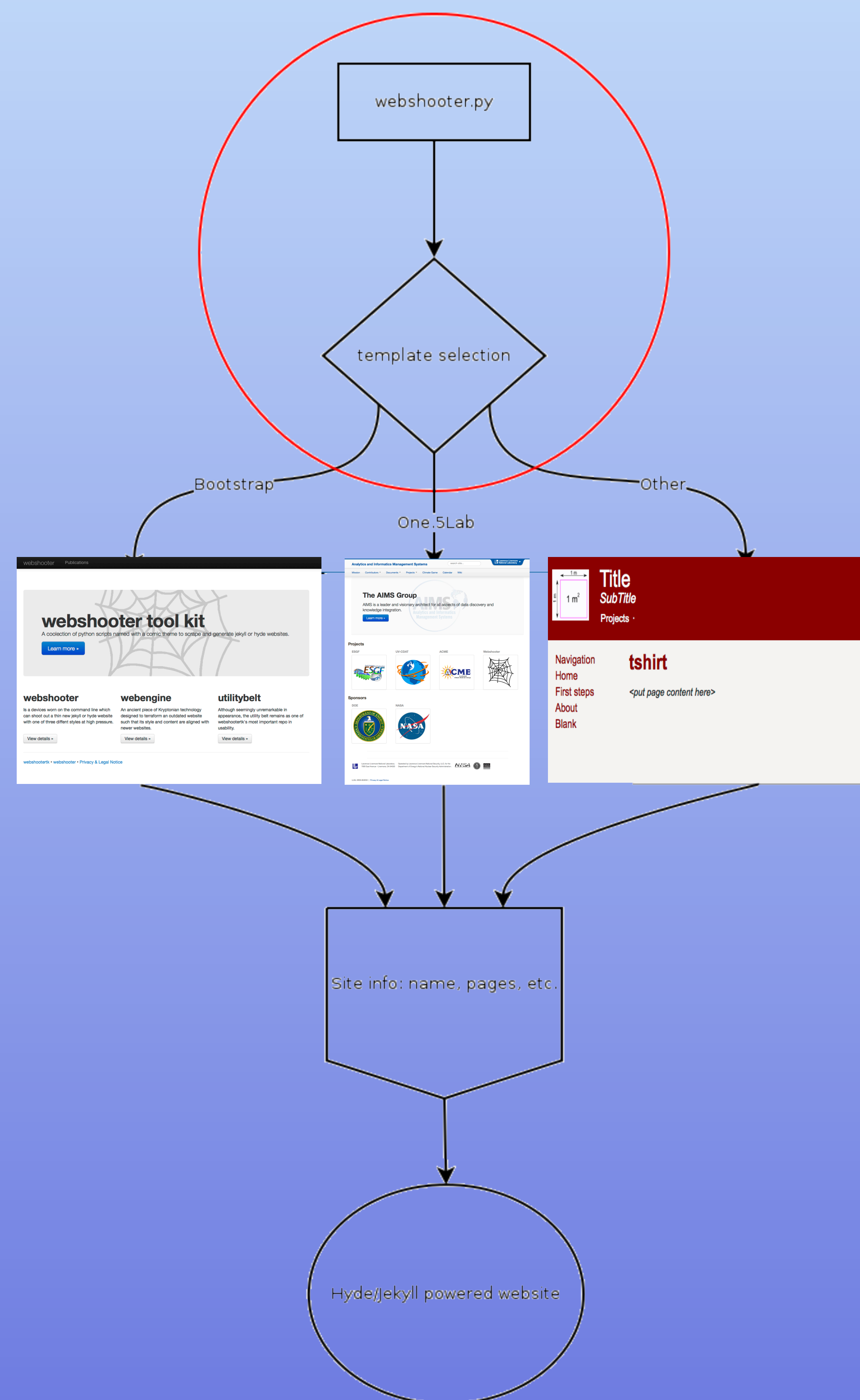
## Python:

Worked with python for the first time this summer. Python is an object-oriented language, meaning it builds around objects which have their own attributes and procedures. In this way, python relates to other languages I have had more experience with, such as C, C++, and Java. However, python is a higher level language than those I have previously worked with, meaning it abstracts farther away from the details of the computer.

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## Webshooter 1.0



## Dynamic Website Creation:

- **Hyde:** static website generator written in python which uses html documents to create a site. I practiced with this technology by using it to create a website and webpage templates for it.
- **Jekyll:** static website generator which uses markdown files to create a site. I also created templates for Jekyll and used it to create websites.
- **Webshooter:** webshooter could already be used with hyde to create multiple types of websites including bootstrap and one.5lab. I helped to add Jekyll functionality to webshooter.

## Summary of Experiences:

1. Learned the setup process for virtual machines and installing needed programs on Ubuntu.
2. Learned more about Git repositories.
3. Learned web languages such as HTML, CSS, and JavaScript.
4. Designed a personal website at [bjpitts.github.io](http://bjpitts.github.io).
5. Fixed errors on the UV-CDAT GitHub pages at <https://github.com/UV-CDAT>.
6. Created templates for Jekyll/Hyde and used webshooter at <https://github.com/webshootertk>.
7. Started learning python.
8. Fixed error in webshooter for use with Jekyll.
9. Helped create a site for webshooter at [webshootertk.github.io](http://webshootertk.github.io).

## Changes in Webshooter 2.0

