



```
while (1) {  
    wakeup();  
    coffee("strong");  
    program();  
    sleep(8 * 3600);  
}
```

Programming Committee



TCC
STEM Center

Goals

- Learn various languages and software tools in *committee meetings*
 - ~ Concepts and languages = building blocks
 - ~ Tools to succeed in future
- *Collaborate* with peers
 - ~ Useful projects and necessary skills
 - ~ Fun
 - ~ Resumé builder

Committee Meetings



First Steps

- Learn fundamental programming concepts in python
 - ~ first [online](#) then locally
- Learn about git, github, and source control management (scm)
 - ~ Collaboration

Next Steps

- Anyone can teach!
 - ~ Robot C
 - ~ Software tools
 - ~ Other programming languages
- My bag o' tools:
 - ~ Web development
 - ~ 3D modelling & 3D printing software
 - ~ Linux/Unix (command-line tools)
 - ~ Various programming languages

Road to Success



What to Know

- All you need to know is the time and place of the meetings:
 - ~ Thursdays @ 3pm EST in STEM Center
- First meeting:
 - ~ Thursday, October 5, 3pm EST

Collaboration



Collaborative Projects

- In addition to committee meetings, collaborative projects will also be created and worked on by committee participants
 - ~ Goal: work on useful or fun (or both) projects to reinforce programming skills and also to help with outreach, etc
- Where and how will this take place?
 - ~ [GitHub!](#)
 - ~ Some Thursdays = collaboration days?
 - ~ Great thing about git: work = any time!

GitHub

- Method to the madness:
 - ~ So many companies have migrated or started using git
 - ~ GitHub allows us to host source code for free
 - ~ Useful tool to put on resumé/CV
 - ~ Very useful tool to know
 - ~ Did I mention that it's useful?

GitHub Infrastructure

- Email: TccStemCenter@protonmail.ch
- User: <https://github.com/TccStem>
- Org: <https://github.com/TccStemCenter>

Conclusion



Conclusion

- The dream:
 - ~ Interactive, collaborative, fun, useful
- Reality:
 - ~ Self-motivation, commitment, interactive, collaborative, fun, useful