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$$\texttt{FIG} ::= \texttt{FIG}\ \textit{is good} \mid \texttt{FIG}\ \textit{is great} \mid \texttt{FIG}\ \textit{is god}$$

1 What is FIG?

Formally, FIG is a grammar of terms of infinite length defined through infinite recursion. But ... the club is something different.

Definition 1.1. FIG is a club that helps you build apps/programs to

1. Get internships
2. Help Haverford (mainly the students)
3. Realize your theory heavy education in a practical context

2 What do you do?

1. You form a team of at most 3 people and find a project/app. (We can help you find a project if you can't think of a good one.)
2. Each week you and your teammates make some serious progress on building the app (with the goal of having it be done in 3-4 weeks, or, worst case, at the end of the semester). We'd like to make you put your code in a public repository in a FIG github organization[1] so that way everyone's work is in one place (but you could not do that if you really want to).
3. One member of your team attends at least one of our bi-weekly half-an-hour meetings and takes 5 minutes to
   (a) report what their team's progress was from last week
   (b) give us a demo of their team's progress
   (c) mention their team's timeline on finishing the app.

   After every team-representative finishes presenting, you can get help from us and each other on specific aspects of your project.
4. When you're done, you feel awesome about your project and what it does − which often makes haverford way better.
5. You use your project on your resume (and at our recruiting event) to land internships.

[1] Look it up if you are unfamiliar.

3 What do we do for you?

- Keep you on track with your projects
- Host weekly teaching sessions **with dinner** on things not covered in the haverford CS education like
  - how to set up a development environment on your computer
  - how to use git or some version control software, especially if you are on a team
  - how to work on a project that takes a long time (like 3 months) and work well with your teammates
  - how C or the basics of C++ works
  - what pure functional languages are and how you can learn one
  - how you can get good at learning new CS skills on your own (especially if your professor erroneously assumes you know something you don't) even with shitty documentation and masses of people online uttering pure nonsense
- Give you an awesome website of our projects, a list of our internship contacts, all sorts of internship and CS advice, lots of cool learning resources and no-bullshit discussions of important issues in CS.[2]
- Create a help email/slack on which you can post CS related questions -specific or broad.
- Organize[3] a end-of-semester recruiting event where representatives from companies watch you present your projects and offer you interviews or talk to you if they are interested.
- Provide[4] a cool room with fast computers already set up for programming, useful books, nice chairs, CS decorations and maybe snacks. Teams can schedule times for this room.

4 What should you do now?

1. Spread the word of FIG. Tell your neighbors. Put up the flyers we're giving you.
2. Think of cool project ideas and if you want to, run them by us
3. Maybe find a team of at most 3 people interested in the same project as you.

[2] This is coming shortly.
[3] Hopefully we can do this. It's not a sure thing yet; we need to talk to HIP and get this by some bureaucracy.
[4] Also not a sure thing yet.