

CIS 343 Introductory Questions

Please answer the following questions. (Use a separate sheet of paper, if necessary.) Feel free to answer questions 15 – 18 anonymously.

1. Name: Adam Winebarger

2. By what name do you prefer to be called? Adam

3. Hometown and High School (if different): Grand Haven

4. Expected graduation date: Fall 2023

5. Plans after graduation (job, grad school, bum, etc.):

Definitely Bum. But in all seriousness, probably working for a local software development company and maybe doing a bit of freelance work.

6. Tell me something interesting about yourself. (This will help me remember your name.)

- I own 3 motorcycles
- I have an app published to apple app store and google play store
- Currently dealing doing an involuntary remodel of the bathroom in my house because an improperly installed hot water heater caused about \$15k worth of damage in my place

7. Do you currently have a job? If so, where and how many hours per week?

Currently doing a bit of work at my dad's private practice (psychology). It started as scoring testing, then has gradually evolved into IT and a bit of application development (primarily electronic versions of various psychological tests). On the slow weeks I might put in as little as 4 hours, but it can be as much as 20.

8. What other courses are you taking this semester?

Database (CIS 353), Secure software engineering (CIS 418), Computer & Cyber Forensics (CIS 430), Linear Algebra (MTH 204)

9. When and with whom did you take CIS 241?

Last fall, with Prof. Carrier

10. What programming languages do you know?

Java, Kotlin, Swift, C#, Javascript, Python, C++, ~C, ~Ruby, and a bit of Perl (does BASH count?)

11. What testing frameworks do you know? (JUnit, RSpec, Cucumber, etc.)

Pretty much just JUnit. Though have been exploring libtap a little bit given its relevance to the first project

12. List the top three (non-obvious) things I can do to help you succeed in this class.

1. Communication online, including regular updates to the material
2. Additional material – like videos and things – are also pretty helpful
3. ... Can't really think of a third thing

13. List the top three (non-obvious) things that I could do to hinder your success in this class.

... drawing a blank on this one. I've been thinking about it all week and nothing really comes to mind. I tried thinking back to what caused struggle in 351 and I think that was just 351 as a whole. I guess that the MPRN grading scale can lead a person to a false sense of security if they're doing well early on. But I that's on me and I don't even know how you could fix something like that.

14. If you were required to do an independent research project, what would it be? (In other words, what area of Computer Science do you find especially fascinating?)

Onboard computer systems in vehicles might be cool to research. It seems like one of those areas where execution speed is still the #1 priority (which seems to be a lot less common nowadays) and it would be interesting to see how something like the software for a fuel-injection system functions – although a lot of that stuff is written in C still, which isn't really my strong suit.

When I first thought of this, I was thinking cars and maybe motorcycles, but onboard computer systems on something like an aircraft or locomotive might also be cool to examine/research too.

There's also been some cool developments in the prosthesis field as well regarding software (and hardware) that might be interesting to examine as well.

15. Which class at GVSU has been your favorite? Why?

Probably CIS 350 (intro to software development). There was a lot of creative freedom afforded in the semester-long project – which most of the grade hinged on – and I think that was a nice break from what's generally expected in academia.

16. Which class at GVSU did you like the least? Why?

Probably 351. It started off easy enough but turned into kind of a suck-fest towards the end. For one, it was a lot of information to be presented with in such a short amount of time and that was definitely the first class I've taken at GV that I felt like I was in legitimate danger of failing (probably should have failed it tbh). The MPRN grading ~can also lull you into a false sense of security if you're doing very well early on and that kind of got me.

17. Which class are you most looking forward to this semester? Why?

Probably Database. I've got a project I built for work that deals with a lot of creation and manipulation of text files, and with how frequently it gets used, it's gotten... big; and I think that implementation of a database into the program would really help to streamline the efficiency of the program.

Structure of Programming languages also seems like it has good potential. It seems like the focus will be placed more on the *why* rather than the *how* in terms of programming languages, their features, and their implementations, and I think that topic is pretty interesting.

18. Which class are you dreading this semester? Why?

Secure Software Engineering. The class itself seems fine but it's from 6-9pm and I've got an hour drive home after and my first morning class the following day is at 8 am. So... that'll be less-than-fun to deal with.