

Honors Software Development Internship (aka, "SuperAP")

Mr. Neat
Class Rules
2020-2021

Dear Students, Parents/Guardians,

Thank you for your interest in this exciting class. I am enthused that your son/daughter has decided to join our most advanced programming group. All SuperAPs should be passionate about coding. By now, they know what coding is and signing up for the course implies they have big ambitions to learn more about the subject.

This year will obviously be new and different given our remote learning situation. This syllabus covers the first quarter of the fall semester. My number one goal is for the students to build a community. The grade rubric reflects this objective (25%). The SuperAPs play a vital role in meeting this objective. Each SuperAP will be a leader of a "pod". At a minimum, the responsibilities of the leaders is to facilitate community building in their pod and to address the needs of the pod members; technical or otherwise. In the case that the SuperAP is also passionate about teaching, there are many more opportunities available such as making Khan Academy-like videos for the class. It will be possible for a SuperAP to fulfill the complete course requirement through teaching. This choice is up to the individual student.

Under "normal" circumstances, my goal is for SuperAPs to have a coding task where the customer is someone other than myself. Many SuperAP students already have internships complying with this objective. My goal is to match all SuperAPs who want a work opportunity with a work opportunity. There are many ways to satisfy the SuperAP course requirements. The top-level course expectations are enumerated below.

All SuperAPs are required to:

- 1) Lead a pod
- 2) Complete a personal resume and post it on github
- 3) Submit weekly reports about their work/activities/accomplishments
- 4) Follow and enforce the "Zoom Etiquette" rules attached for their "pod"

In addition, students with customers are required at a minimum to:

- 1) Work at least 7 hours a week on their “job”
- 2) Satisfy their customer’s needs
- 3) Present (make a video) their results/experiences/lessons to the my classes when asked
- 4) Complete an entry in the “CV Enterprises” website describing their project. (CVEnterprises.org).

Students enrolled in SuperAP with the goal of improving their AP CS A score and/or self teach AP Computer Science Principles are required to:

- 1) Work through the course curriculum emphasizing their weak areas
- 2) Contribute significantly to the pod leadership
- 3) (re)Take the corresponding AP exam in May

All other students are expected to:

- 1) Compete in hack-a-thon and/or programming competitions
- 2) Build up their skill set to ready themselves for an internship. Some suggested activities include:
 - a) Working with “Lyron” our classroom server
 - b) Learning new CS languages
 - c) Making an app for a smartphone
 - d) Working through the text *Ruby on Rails*
 - e) Applying *Ruby* knowledge to a frontend/backend problem such as *bday*

The best way to reach me is by email (gneat@gusd.net). I also have a website (drneato.com) where I have course information and class grades (click on the “school” link). Please DO NOT leave a message on my school phone extension.

Thank you for taking this class and reading this letter,

A handwritten signature in black ink, featuring a large, stylized 'A' and 'M' with a horizontal line extending to the right.

Please acknowledge your reading and understanding of these rules by completing the boxes below.

Student Name (Signature):

Parent Name (Signature):

Parent Email:

Attachment: Zoom Etiquette Norms

CVHS Distance Learning Zoom Etiquette and Norms:



- Always login to Clever first using your GUSD student email account. (clever.gusd.net)
- Log in on time or early if possible.
- Turn camera on and show your image, shoulders up.
- Your own first and last name must be in the Zoom window.
- Select a plain, distraction free background.
- Be respectful and act professionally.
- Use chat box for class-related messages.
- Contact your teacher using email when chat is not in use.
- Mute yourself when asked. Unmute when teacher asks you to respond.
- Avoid multi-tasking and stay focused.
- Be prepared for class with all materials.
- Maintain an organized workspace.