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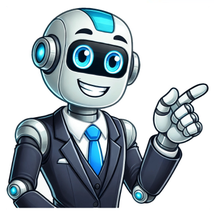

Eecs 281 practice exam

In Development, 2018- Hello everyone! The following page hosts a collection of class notes that were written for the class, covering all of the material in the course. I began this project in the summer of 2018 as a way to convert the material into an accessible text format, as well as to consolidate all of the information for this class into one location. This resource was definitely something that was requested by a lot of students during my time as an IA, especially since EECS 281 is one of the most important classes in the computer science program. The first 18 chapters of these notes were initially released on the Fall 2020 Piazza forum, and the remaining chapters will be completed sometime in the near future. The most updated version of the notes will always be available on this page! The great thing about EECS 281 is that there is always something new to learn, no matter how much experience you have! Even during my last semester as an IA, I've learned things that I never knew when I first took the class. Hopefully, these notes will make it easier to learn all the concepts in this class, especially as the class size continues to grow each semester. EECS 281 is a challenging class, but it is also a fulfulling one! I wish you the best of luck in this class, and I hope you find these notes helpful. If you find any errors or want to make any suggestions, please fill out this form or post in the #class-notes Discord channel! Your feedback is greatly appreciated. These notes do include some bonus material that will NOT be directly covered in this class (there's only so much that the class can cover, so this additional content is designed for self-study). This bonus material may include helpful content for future classes or job interviews, or general C++ knowledge that is good to know. Text in this color indicates bonus content that can be skipped if you only want to focus on material you are responsible for knowing. In these notes, optional material is marked with an asterisk. Combined PDF (All Chapters): The combined PDF document that contains all the chapters (with bookmarks to support easy navigation) can be found at this link (last updated January 1, 2024). All sections followed by an asterisk include optional material (unless explicitly denoted otherwise by the current course staff). Update September 3, 2023: I've started uploading draft questions for each of the chapters. These questions have not been proofread or edited yet, but since it may take some time to complete everything, I decided it was better to release each set of questions as soon as I am done with them. As a result, there are most likely issues in this problem set that I have not been able to catch, so if you see anything wrong, please let me know! Since I am no longer on staff anymore, consider these questions as unofficial. Always prioritize resources from the current staff, which may better reflect the content and difficulty of questions you will see on assignments and exams. This also means that the staff may not be familiar with any of the questions provided here, so if you think something needs to be fixed or improved, make the suggestion in a place that I can access (see instructions above on how this can be done). Current progress: Finish writing content: [▩▩▩