

## Suggested Study Sheet for New CS ALIGN Students

- Basic Set Theory
  - Book : <http://www.amazon.com/Naive-Set-Theory-Paul-Halmos/dp/1614271313>
  - Sections 1 - 8
- Classical Logic
  - [www3.cs.stonybrook.edu/~cse371/chapter2.pdf](http://www3.cs.stonybrook.edu/~cse371/chapter2.pdf)
- HTDP
  - <http://www.ccs.neu.edu/home/matthias/HtDP2e/>
  - Section I
- Mathematics for Computer Science:
  - <http://ocw.mit.edu/courses/electrical-engineering-and-computer-science/6-042j-mathematics-for-computer-science-fall-2010/>
- C Programming
  - <http://www.learn-c.org/>
- *Growing a Programmer* by Matthias Felliesen
  - [http://www.ccs.neu.edu/home/matthias/Thoughts/Growing\\_a\\_Programmer.html](http://www.ccs.neu.edu/home/matthias/Thoughts/Growing_a_Programmer.html)
- “Code: The Hidden Language of Computer Hardware and Software” by Charles Petzold
- UW Introductory CS Courses:
  - CS 142 - <https://courses.cs.washington.edu/courses/cse142/17au/calendar.shtml>
  - CS 143 - <https://courses.cs.washington.edu/courses/cse143/18wi/calendar.shtml>
  - C course - <http://depts.washington.edu/cprogs/>