

# Software Foundations

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# Syllabus

## ➤ Lecture & Practice Session

- Mon & Wed, 17:00 ~ 18:15 (301-101)
- <https://github.com/snu-sf-class/sf201802>
- Bring your laptop to lectures & practice sessions

## ➤ Instructor

- Chung-Kil Hur
- <http://sf.snu.ac.kr/gil.hur/>

## ➤ Teaching Assistant

- Juneyoung Lee
- <http://sf.snu.ac.kr/juneyoung.lee/>

## ➤ Grading (tentative)

- Attendance: 5%
- Assignments: 25%
- Midterm exam: 30%
- Final exam: 40%

# Free Laptop Rental

You can rent a laptop from the department for free.

# Who am I?

## ➤ Prof. Chung-Kil (Gil) Hur [허충길]

- Education: KAIST (B.S.), Univ of Cambridge (Ph.D.)
- Software Foundations Lab  
<http://sf.snu.ac.kr>
- Research Topics
  - Software Verification
  - Low-level Language Semantics (C/C++/LLVM/Rust)
  - Relaxed-Memory Concurrency
- Our collaborators
  - [UK] U of Cambridge, Microsoft Research Cambridge
  - [Germany] Max Planck Institute for Software Systems
  - [France] INRIA
  - [USA] Princeton, Yale, Upenn, Utah, Google, IBM, Mozilla.
- Publications
  - 10 top conference papers (last 5 years at SNU).  
PLDI(5), POPL(2), OOPSLA(1), ICFP(1), AAAI(1)
- (High school) Bronze medal in IMO 1994.