

ETH 227-2210-00L COMPUTER ARCHITECTURE, FALL 2021

HW 0: STUDENT INFORMATION

Instructor: Prof. Onur Mutlu

TAs: Juan Gómez Luna, Mohammed Alser, Jisung Park, Lois Orosa Nogueira, Gagandeep Singh,
Haiyu Mao, Behzad Salami, Nour Almadhoun Alserr, Mohammad Sadr,
Hasan Hassan, Can Firtina, Geraldo Francisco De Oliveira Junior, Abdullah Giray Yaglikci,
Rahul Bera, Konstantinos Kanellopoulos, Nika Mansouri Ghiasi, Rakesh Nadig,
João Dinis Ferreira, Haocong Luo, Roknoddin Azizibarzoki

Given: Thursday, Sep 23, 2021

Due: **Thursday, Sep 30, 2021**

Please answer all questions.

Fill out and upload it to the Moodle platform.

Required for any future grading in the course.

- Full name: **Guillaume Thivolet**
- Email address: **gthivolet@student.ethz.ch**
- Photo (attach it in the box to the right OR as a separate page):
- Department/major (and specialization, if applicable): **ITET/Master EEIT
Electronics & photonics**
- In-progress degree (Bachelor's, Master's, PhD): **Master's**
- What semester/year did you start at ETH?: **Fall 2020**
- What semester/year do you expect to finish your current degree?: **Fall 2022**
- Why are you taking the Computer Architecture course?
 1. Fill in the multiple gaps in my Computer Architecture knowledge built over the years with a proper frame
 2. Acquire a solid background in CA to take informed decisions on my future architecture design choices

photo

- What do you expect to learn from this course?

Have a deep understanding of heterogenous computing SoC, get a global overview on the current processor architectures/data storage systems

Hands-on experience on tinkering with novel processor architecture/simulating techniques to achieve better performances

- What are your educational goals and career plans beyond the current degree you are working on?

I wish to have the broadest set of skills that allow me to get an overview over each current and upcoming technologies.

Career wise, I envision to be stay as close to the technology as possible (keeping my hands dirty) while being a decision-maker working hands in hands with excellent engineers towards success.

I mostly lean towards the semiconductor industry but nonetheless have also keen interests on embedded programming and product development.

- Is there any topic you are really looking forward to in this course?

Nothing specific.

- Any other comments you would like to make (about anything)?

Looking forward to learn a lot during this intensive semester!

(Feel free to add more pages.)