**TMR4220 – Naval Hydrodynamics, Spring 2019**

**Accomplishments**

* Performed well in the final exam, A/A as final grade
* Reflected on course content actively in lectures and seminars
* Participated in TA sessions actively and analysed, discussed course-related contents and exercises
* Demonstrated well understanding of all sub-systems through all 9 exercises
* Mastered the propeller analysis project using lifting line theory
  + Studied the corresponding methods used to analyse the performance of a propeller
  + Formulated a systemtical model of calculating the lift and drag of a 3-blade propeller
  + Assessed rake, skew and hub effect for a propeller
  + Post-analysed the simulated data using Matlab
  + Performed an impressively well in the report, 100/100 as final grade
* Overall, dedicated a self-motivated research work ethic, led to strong academic performance, anticipated to devote more in scientific researches

**Recent accomplishment**

* Working on master thesis of signal processing of underwater beacons for AUVs
* Aiming to applying Ph.D. program