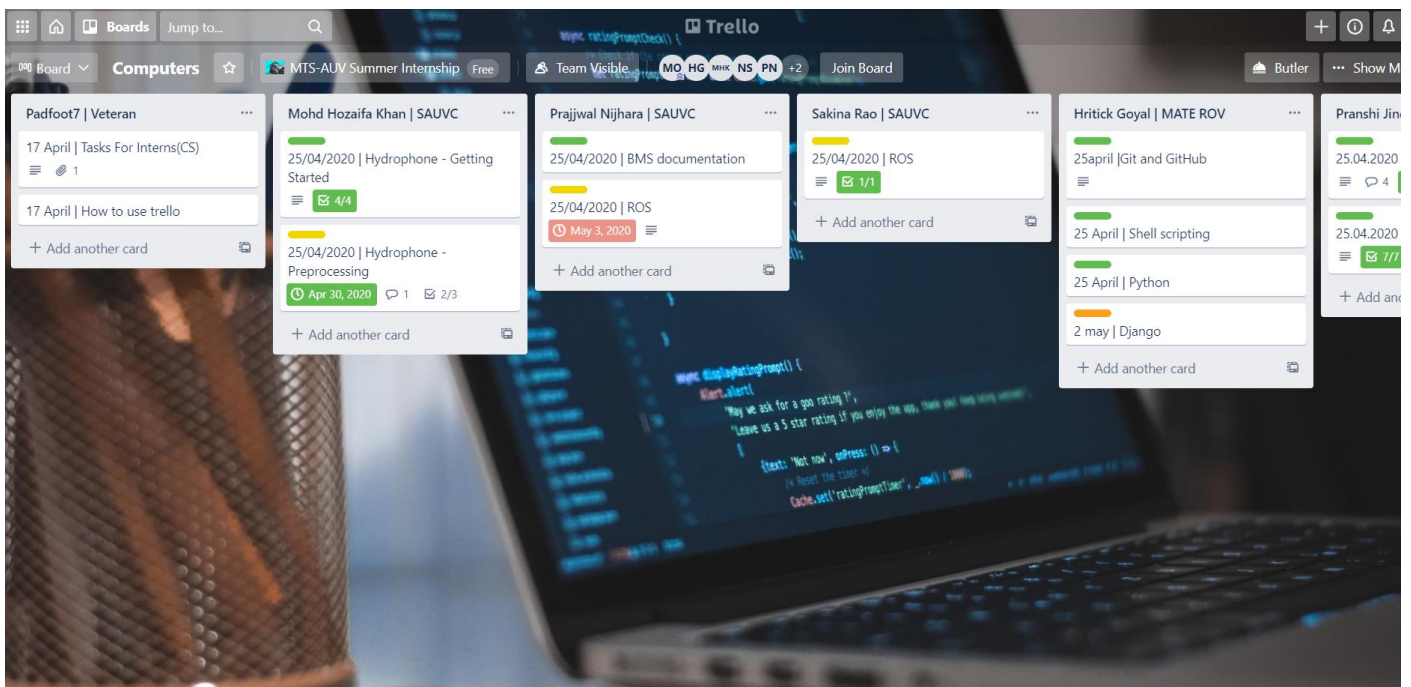


## Summer Internship Program 2020 for MTS-AUV ZHCET members-April to July

Last year's pandemic brought a hard time to the world. Not only working professionals lost their jobs, but students who got selected for research internships also lost their chance to gain experience. In such conditions, the MTS-AUV ZHCET club decided to introduce a remote internship for the club members. The internship lasted for 10 weeks from April to July under the supervision of Prof Saleem Anwar Khan. Students were mentored by their respective team heads (Syed Jawad Akhtar, Mohd Omama and Shubham Singh). All the tasks were assigned as sprints on Trello and the whole [documentation](#) was hosted by the club members. There was a variation in tasks given to students in the internship which lead to the overall development of individual and the club.

- **Computer Team:** Tasks such as learning Python, Linux and ROS were completed by the members along with complete migration of python code to ROS.
- **Mechanical Team:** Interns were given tasks related to designing and simulation of Autonomous Underwater Vehicle using Solidworks and Ansys.
- **Electronics Team:** Tasks such as Design of Electronic tray, PCB design and Battery Management System were completed by Interns.

On successful completion of internship and after report submission, students were awarded the certificate of the internship by the club.



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