

ELECOMP Capstone: Dates for LinkedIn posts by Team & Format

Friday, 10/2: AWS CamAssit
Monday 10/5: AWS AutoRobot
Wednesday 10/7: Arcfield
Friday 10/9: General Dynamics
Monday 10/12: Zebra; Line Scanner
Wednesday: 10/14: TACO
Friday 10/16: Voltserver
Monday 10/19: Zebra: Ambient
Wednesday 10/21: NautIQ
Friday 10/23: VICOR-URI
Monday 10/26: Zebra: Thermal Printing
Wednesday 10/28: AstroNova
Friday 10/30: URI PEL (PV System)
Monday 11/2: Zebra: High speed ribbon control
Wednesday 11/4: Dewetron ACAP
Friday 11/6: URI-ARCAS
Monday 11/9: Boston Scientific
Wednesday 11/11: Dewetron IMDS
Friday 11/13: URI-IC Robots
Monday 11/16: Draper CUDA
Wednesday 11/18: Sanctuari AI3
Friday 11/20: URI-PEL (Detection Tool)
Monday 11/23: Draper STM32
Monday 11/30: Sanctuari S1
Wednesday 12/2: URI-GSA

FORMAT OF THE POST TO BE USED: (one designer will post the main post and the other designers, in the team, will then repost with their individual technical responsibilities. Please do not repeat anything that is already in the first main post) The team photo will be uploaded to the team deliverable folder --> linkedin folder.

Upload the main post to your google folder 3 days before the above date, and send a message to Manager Mubariz Saeed, for final approval)

EXAMPLE BELOW

Jacob Phillips

It brings me great pride to announce that I will be working with [DBV Technology](#) as part of their sponsored project in the [ELECOMP Capstone Design Program](#), in the Department of Electrical and Computer Engineering, in the [URI College of Engineering](#). Our team consists of electrical engineers, [Anna Civitillo](#) and I, along with computer engineer [Kevin Vu](#). We are excited to share in the development and deployment of custom ocean instrumentation in both defense and private enterprises worldwide!

Our project, titled DigiTrap, is led by our Technical Directors [Colin Vincent](#), [Connor V. URI '24](#), [Zachary Lindo](#), and [Hayden Radke](#) along with further mentorship from the program's Consulting Technical Director [Mike D. Smith](#). The leadership they provide is directly correlated not only with the successes we are currently experiencing in our project, but also the success we hope to have in achieving our anticipated best outcome. Working with experienced, field tested, engineers is just one of many privileges of studying in our capstone program. We are tremendously grateful to be provided with the guidance of Mike Smith. His engineering experience will be helpful in many ways especially in the development of our custom printed circuit board.

We are designing DigiTrap, an intelligent sensor package that lives inside a standard lobster trap to record what happens on the seafloor. The system will be housed for saltwater use, operate at a specified depth and duration, and capture in trap activity and conditions using selected sensors.

Our ABO is to design, prototype, test, build, and present a completed system applied to a DBV Technology lobster trap. All sensors selected are backed by research, data can be successfully captured and retrieved from the system, and the system is deployable underwater. A fully functional DigiTrap would enable DBV to offer a sensor package that helps fishermen collect data in an industry which is otherwise unplugged.

My responsibilities within the project are to design a printed circuit board (PCB), sensor selection, and embedded systems design. Along with Anna Civitillo, I will lead schematic design and PCB layout, including the power tree, connectors/penetrators, and signal integrity considerations so that the board is reliable in marine environments.

We would like to extend a special thank you to the ELECOMP Capstone Leadership Team: Professor [Harish Sunak](#), Professor [@Yan Sun](#), Professor [@Mike. D. Smith](#) and Manager [@Mubariz Saeed](#), for creating this opportunity for us as well as their continuous support in our efforts.

The skills in which we will obtain in this program will serve as a tremendous foundation for our professional engineering careers and for that we are deeply grateful.

Our Project details are at this link: [\(insert from the website\)](#)

Join us at our ELECOMP Capstone Mid-Year Conference on Thursday, December 17th, 2026, at 2pm: <https://lnkd.in/gQuD3Nsj>

