TecMedHub

Multidisciplinary applied science lab · R&D and innovation · born in the School of Medical Technology · Universidad Austral de Chile, Puerto Montt Campus

We solve problems with technology, from southern Chile.

We were born in 2022 in the School of Medical Technology and today we do applied science to solve technological challenges and problems from a multidisciplinary perspective: artificial intelligence, software, simulators, digital fabrication and augmented reality, from the retina to salmon farming and the heritage of Los Lagos.

MISSION

To solve real technological challenges and problems, in health, teaching, the territory and wherever needed, with tools that work, are shared and train the people who build them.

VISION

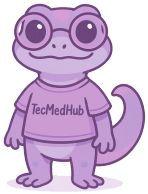
That nobody in southern Chile has to wait for technology to arrive from elsewhere.

LINES OF WORK

1. **Artificial intelligence and computer vision**
   Models for all kinds of problems, from the retina to salmon.
2. **Fabrication and prototyping**
   3D printing, CNC and parametric design for custom devices and parts.
3. **Health sciences education**
   Simulators, interactive atlases and 3D models for teaching, no coding required.
4. **Augmented reality and outreach**
   Digitized fauna, megafauna and archaeological pieces for the community.
5. **Territory**
   Problems of the Los Lagos Region, from salmon farming to archaeological heritage.

2022	25	16	6
year founded	thesis students, trained or in training	publications, books and software with a persistent identifier	awarded or collaborative projects

Values: open by default · useful before flashy · from the south, for the south · diverse, as it should be.



SCAN ME

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