**IEEE S’25 Technical Plan**

* **Vision & Objectives**
  + **Help new students explore different technical tracks.**
  + **Enhance skills of the volunteers**
    - **Technical**
    - **Soft skills**
    - **Presentation**
  + **Enhance the collaboration between the committees.**
  + **Engaging the volunteers in the sessions**
  + **Events and projects on a periodic phases**
  + **Completions and real world projects**
  + **Marketing IEEE volunteers projects**
    - **linkedin**
    - **github**
    - **Kaggle**
* **Mission**
  + **Organizing and supervising content**
  + **Proposing ideas**
  + **Evaluation and follow-up**
  + **Organizing and coordinating meetings**
  + **Develop and implement the semi-final and final project plan**
  + **Following up on our goals 👆**

**Action plan & strategy**

* **Committees**
  + **mobile->flutter**
  + **front->html, css, bootstrap, js, APIs, react**
  + **back->(php 90%, interview 10%)**
  + **game-> 2D, 3D**
  + **system admin-> git, Linux, docker, cloud (aws,..)**
  + **ML-> python, ...llms**
  + **DA->python, power BI, pandas, matplotlib, business intelligence**
* **Session evaluation** 
  + **time management**
  + **content quality**
  + **content planing**
  + **session interactivity**
  + **engagement**
  + **feedback form**
  + **attendance**
  + **tasks**
  + **KPIs designed by DA and HR**
* **Volunteer evaluation** 
  + **tasks**
  + **attendance**
  + **engagement**
  + **projects**
  + **team work & collaboration**
  + **presentation skills**

**Ideas for Objectives**

* **cross committee projects**

**ex:**

* + **(1 Game, 1 ML, 1 web)**
  + **(1 ML, 1 web, 1 back)**
  + **(1 DA, 1 ML)**
  + **(1 web, 1 back)**
* **Real products** 
  + **each committee must have a real world products**

**ex:**

* + **ML can help media team to auto-edit the imags, classifying the images.**
  + **Web -> IEEE website**
  + **Web & ML -> IEEE bot**
  + **DA -> analysis performance metrics.**
* **global workshops** 
  + **system admin** 
    - **git**
    - **Linux**
    - **docker**
    - **k8s**
  + **Hosting websites**
  + **ML models use for non ML members**
  + **UI/UX**
  + **Software**
  + **Soft skill & productivity tools (online)**
    - **linkedin**
    - **canva**
    - **notion**
* **Expert sessions** 
  + **invite experts to give talks/sessions**
  + **targeted fields**
  + **UI/UX**
  + **dev ops**
  + **data engineering**
* **Questions** 
  + **Head hiring/vice-head?**
  + **Head family form?**
  + **Evaluation of volunteers ?**
  + **Head evaluation?**
  + **Non technical committees ?**
  + **My role? front?**
  + **Time-line** 
    - **minimum #sessions**
    - **months**
    - **breaks**
  + **Mega events?**