

## Project Radian Robosub Team Bio:

We are a private rookie team stationed out of Temecula, California. We work out of the Gears 2 Robots Tech Academy, a makerspace owned by our primary sponsor, Project Radian. Our team consists primarily of high school students, with a couple of middle school students and one chemistry teacher. Most of us came from the FIRST Tech Challenge, but wanted to do something more serious this year, and so we came to robosub.

This past year has been quite an adventure for us. We managed to construct a functioning prototype fairly quickly, and we were hoping to have it running in the water before 2017 was over, but we ran into over a month of waterproofing issues, learning a lot along the way. With more various hiccups, we managed to get a working submerged prototype at the beginning of the summer of 2018, that ran for about 2 minutes before the onboard computer crashed from power issues. With that and the difficulty of creating a dynamic buoyancy system (a goal we set from the beginning), most of our work ended up being done this summer.

Despite our challenges, this being our first year we feel lucky to be able to compete among some of the very talented teams this summer, and are very excited to get the competition underway.