

SKZ Archonette Youth Group



Zeta Phi Beta Sorority, Sigma Kappa Zeta Archonette Youth Group – Brooklyn, NY, USA



- 0 Years participating in SeaPerch
- 0 Times at the International SeaPerch Challenge

Our SeaPerch is unique because: (100 words MAX)

Our SeaPerch is unique because it stems from our dedication to expanding on our interest in STEM and previous opportunity with participating in an opportunity under the leadership of the US Naval Academy to work with SeaPerch. This opportunity was priceless as we were emersed in a new opportunity to learn and develop skill sets under STEM. Our design is a reflection of how coming together to use the skills learn can create a functional ROV unit.

SeaPerch Design Overview: (100 words MAX)

Our SeaPerch design focused on a minimalistic design; we wanted to have all the essentially components without overweighing the ROV design. Floats were included to provided our ROV stability in the sensitive areas, while adding caps to secure the design so that water would not irrigate our design and impact its ability to operate within water.

Our biggest takeaway this season is: (100 words MAX)

Our biggest takeaway this season was working as a team and problem solving through trial and error to get an operational ROV design. As a team we worked together by designing and engineering the ROV and assessed along the way where improvements were needed. We learned that if one attempt didn't work, it didn't mean failure but that we needed to go back to the drawing board and assess where we needed to make tweaks for the ROV to be operational.