

[top of page](#)

[HOME](#)

[ABOUT US▼](#)

[About AYLUS Pearland](#)

[Officers](#)

[Members](#)

[History](#)

[Sponsors/Partners](#)

[TRACKS▼](#)

[City and Neighbor Support](#)

[Youth Entrepreneur](#)

[Achieve Together](#)

[SMILE 4 Special Needs](#)

[STEM n Tech](#)

[Healthy Future](#)

[EVENTS▼](#)

[Event Calendar](#)

[Event Report](#)

[Event Statistics](#)

[Future Events](#)

[RESOURCES▼](#)

[Feature Stories](#)

[Volunteer Hour Lookup](#)

[Photo Gallery](#)

[Video Gallery](#)

[Testimonials](#)

[Plant Catalog](#)

[CONTACT US ▼](#)

[Leadership Opportunities](#)

[Donation/Feedback](#)

[Membership/Waiver](#)

[More](#)

Use tab to navigate through the menu items.

[Log In](#)

[STEM n Tech](#)

[STEM n Tech](#)

At AYLUS Pearland, volunteering goes beyond community service—it's a pathway to growth and skill development. Our STEM n Tech Hub provides exciting opportunities for youth passionate about science, technology, engineering, and math (STEM). Initiated in 2023 by

Matthew Niu

and

Jonathan Niu

, this track enables members to apply their STEM knowledge in ways that benefit the broader community.

Through the STEM n Tech Hub, AYLUS Pearland encourages youth to engage in meaningful STEM projects, promoting innovation, collaboration, and personal growth.

WHAT WE DO

Innovaflow Database Project

Robotics Classes in Collaboration with Pearadox

Website Development and Digital Solutions

Innovaflow Database Project

The first major initiative of the STEM n Tech Hub was the development of a volunteer activity tracking and reporting database. In response to the rapid growth of AYLUS Pearland, volunteers worked under the guidance of a parent advisor and AYLUS alumni to create Innovaflow, a system that accurately tracks volunteer hours and generates reports. This database has been shared with multiple AYLUS branches, providing a valuable tool for managing volunteer operations across regions.

Feature Story

Robotics Classes in Collaboration with Pearadox

In the summer of 2024, AYLUS Pearland partnered with Pearadox—the Pearland ISD Robotics team—to offer robotics classes for children in the community. Pearadox, known for their consistent advancement to the FIRST World Championship finals, brings their expertise and passion for robotics to this initiative. Together, AYLUS Pearland volunteers and Pearadox team members create an engaging, hands-on learning experience for young participants, fostering interest in robotics and STEM fields.

Website Development and Digital Solutions

Launched in the summer of 2024, this project, led by Andy Shi

, enables volunteers to collaborate with community partners about website development and digital solutions.

With the guidance of a parent advisor, volunteers successfully built websites for partners and are in the process of creating a new website for AYLUS Pearland. This initiative not only enhances the organization's digital presence but also equips participants with practical skills in web development and digital marketing.

Email:

ayluspearland@gmail.com

Mail:

PO Box 841388, Pearland, TX 77584

