

COMMUNITY ENGAGEMENT SHOWCASE

TechArt – Arts-integrated Computing & Engineering Design

Azizi Penn

Aspire Alexander Twilight Secondary School

Aspire Capitol Heights Middle School



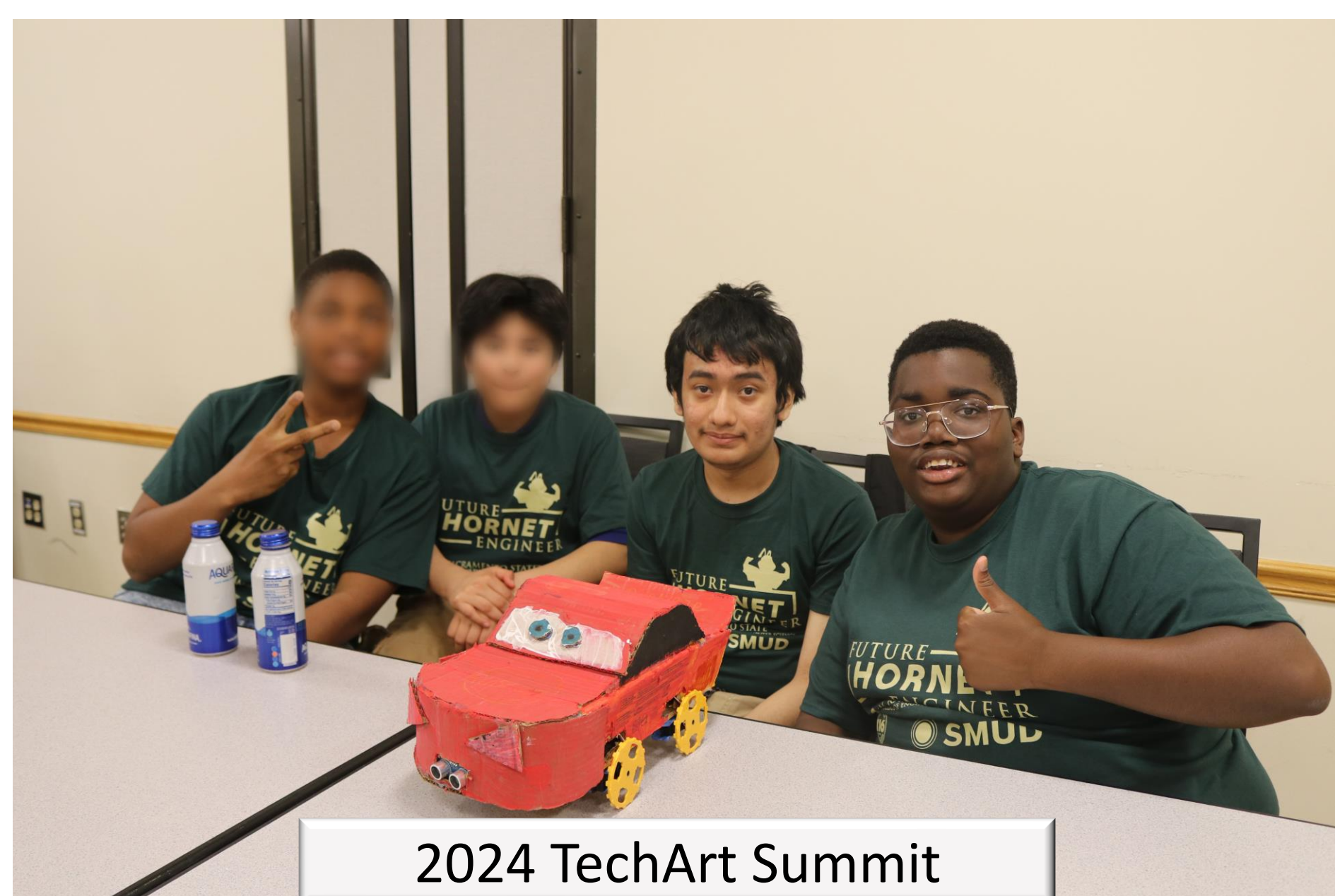
SACRAMENTO STATE
COLLEGE OF ENGINEERING & COMPUTER SCIENCE



SACRAMENTO STATE

Program or Project Description

- Weekly service-learning engagement with teachers and students at local Title 1 schools
- Support arts-integrated computer science and engineering design curriculum.



2024 TechArt Summit

Promoting Student Success in College and Career

CSUS students gain skills as consultants to K-12 student projects, performing the following:

- Evaluate K -12 student teams' design proposals using a design review process.
- Improve their technical and communication skills to advise K-12 teams as they complete their designs.
- Provide ongoing feedback and hands-on assistance to the K -12 teams as they implement their designs.
- Evaluate K -12 teams' prototypes and projects and help troubleshoot malfunctioning elements.
- Help teams stay on track to produce their final pieces for the TechArt Summit.

Community Impact

- Title 1 schools receive computer science and engineering instruction and teacher training.
- Having “the support of the Sac State students has been great.” – Ms. Sarah, 9th grade teacher



Ms. Sarah at her high school showcase

Project Highlights

- Twenty undergraduates, six K-12 teachers, 175 middle and high school students, 1 faculty.
- Three years of TechArt Summit Showcase events

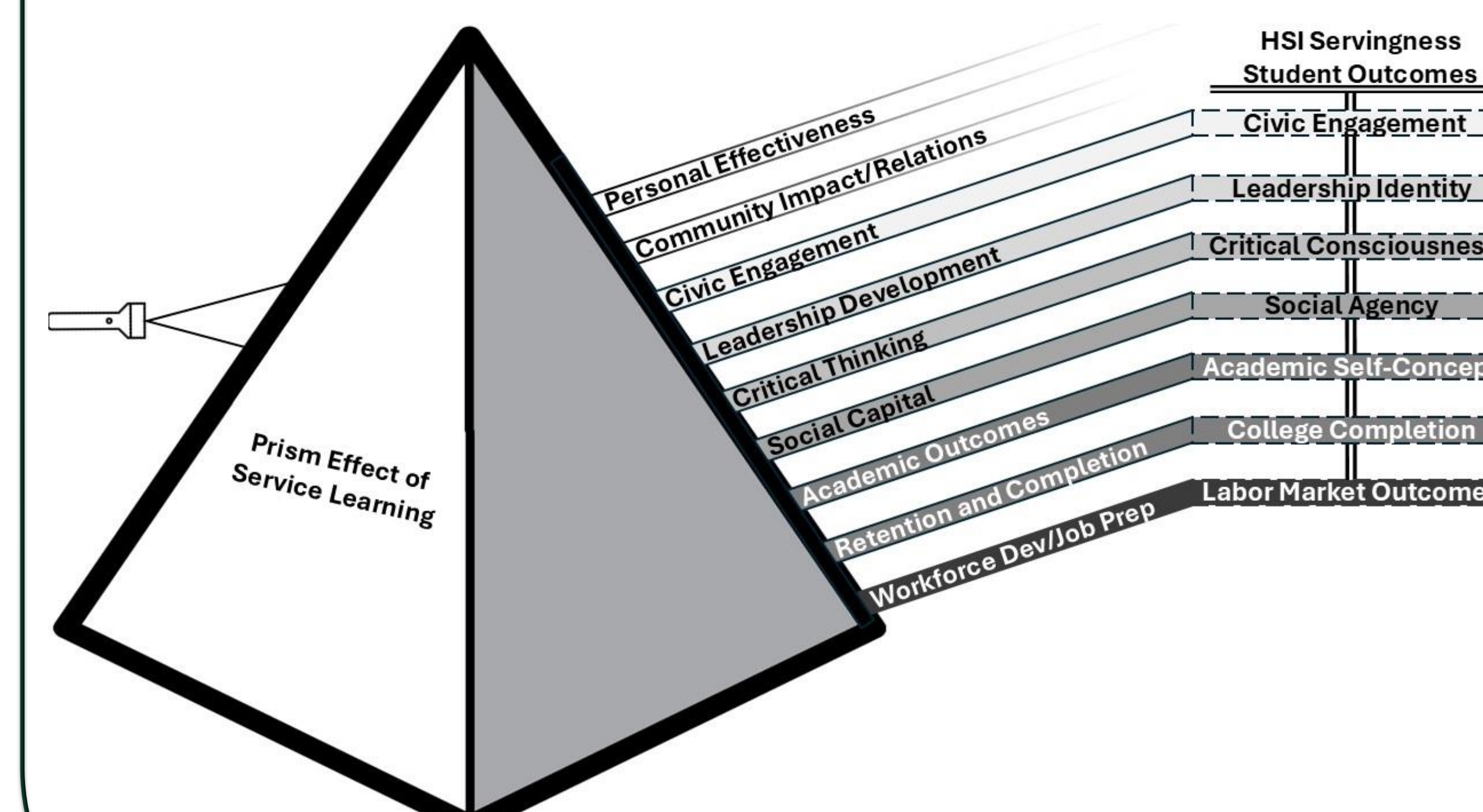


2022 TechArt Summit



CSUS Students consult 8th grade students in a design review.

Research: MSI “Servingness” through Service Learning



Framework for achieving “Servingness” through service-learning