

Graham Lunzer

Hermosa Beach, CA | 424-352-5271 | graham@grahamlunzer.com
lunzerengineering.com | linkedin.com/in/graham-lunzer-a95780386

EDUCATION

Valley Christian High School, Cerritos, CA | Expected Graduation 2027

GPA: 4.6 Weighted | SAT: 1400 (760 Math, 640 Reading)

Honors: Principal's List (3 Years), National Honor Society (Sophomore & Junior), National Merit Scholarship Eligible (PSAT)

ENGINEERING & TECHNICAL SKILLS

CAD & Design	Onshape, SolidWorks, parametric modeling, mechanical assemblies
Engineering Analysis	Stress analysis (FEA), topology optimization studies
Prototyping & Manufacturing	Bambu Lab H2D 3D printing, rapid prototyping, functional part design
3D Scanning	Revopoint Metro Pro X, reverse engineering, scan to CAD workflows

ENGINEERING EXPERIENCE

Founder, Lunzer Engineering

Design and development of mechanical solutions using CAD modeling, engineering analysis, and rapid prototyping.

Designed custom mechanical parts and assemblies using professional CAD tools.

Performed structural stress analysis and topology optimization in SolidWorks.

Manufactured functional prototypes using advanced 3D printing workflows.

Developed projects from initial concept through iterative testing and refinement.

Engineering Intern, REPS VR

Designed equipment and assisted development of VR based football training systems.

Developed helmet mounts used by St. John Bosco High School football team.

Captured 360 degree gameplay footage during live drills for immersive VR playback.

Helped build a system allowing quarterbacks to take virtual practice reps in VR.

Conducted equipment testing and gathered feedback from players and coaches.

ROBOTICS

FIRST Robotics Competition Team 4415 | CAD Build and Design Team

Designed robot components and assemblies using CAD.

Contributed to robot design iterations and mechanical testing.

Team achievements include 3 District Championships and FIRST Robotics World Championship appearance in Houston, Texas.

ATHLETICS

Quarterback, Valley Christian High School | 6 ft 1 in | 180 lb

Quarterback for 15 years with leadership experience as team captain.

Responsible for directing offensive strategy, decision making, and team coordination.

MARTIAL ARTS

Black Belt, Taekwondo

VOLUNTEER EXPERIENCE

QB Select Quarterback Training | Assisted coach Johnathan Reyes mentoring younger quarterbacks.
Hope Chapel School | Volunteer for Hopechella community event.