



LUMA LAB

Tech education and inclusive innovation · Washington, DC

SATURDAY WORKSHOP SERIES

GDS Workshop

An open coding, hardware, and entrepreneurship workshop series for students from across the DC area, hosted at Georgetown Day School with support from the TDF Foundation.

WHO	Middle and high school students from across DC; open enrollment.
WHEN	Saturday mornings throughout the spring series. See dates on the application form below.
WHERE	Georgetown Day School (host venue), Washington, DC.
COST	No cost. Materials and refreshments provided.
RUN BY	Luma Lab — the tech-education arm of Clearly Innovative — in partnership with the TDF Foundation and Georgetown Day School.

What we cover

Each Saturday session pairs a short instructor-led concept with a structured hands-on build. Sessions are designed so a student with no prior coding experience can follow along, while students with some background can work ahead on extension challenges.

Track 1 — Web fundamentals

- HTML, CSS, and modern JavaScript basics
- Building a personal portfolio page from scratch
- Deploying to a free static host

Track 2 — Hardware and physical computing

- Microcontroller basics with Raspberry Pi and Arduino kits
- Sensors, LEDs, and reading from physical inputs
- Wiring up a small project end-to-end

Track 3 — Entrepreneurship and product thinking

- Identifying a real problem and scoping a solution
- Customer interviews and validating an idea cheaply
- Pitching the project at the end-of-series showcase

APPLICATION

GDS Workshop — Application Form

Print this page, fill it in, and email a scan or photo to hello@luma-lab.com — or fill in the digital version linked from luma-lab.com/programs. Applications are reviewed on a rolling basis until each session fills.

Student name (first and last)

Date of birth

School

Grade level

Parent/guardian name

Parent/guardian email

Parent/guardian phone

Why are you interested in this workshop? (a sentence is fine)

Any prior coding or hardware experience? (optional)

Allergies, accommodations, or anything else we should know

Photo & video release

I give permission for Luma Lab and Clearly Innovative to take photos and short videos of program activities for the purpose of documenting and promoting the program. No identifying captions will be published without explicit additional consent.

Parent/guardian signature

Date

Questions? Email hello@luma-lab.com. Luma Lab is a program of Clearly Innovative, Inc., a minority-owned technology firm headquartered in Washington, DC.