Hardware Engineering Intern, Spring or Summer 2023

Minimum qualifications:

- Currently pursuing a Bachelor’s degree in Electrical Engineering, Computer Engineering, Computer Science, Acoustics, Audio Sciences, Physics or a related field.
- Experience in one or more of the following areas: Acoustics, Artificial Intelligence, ASIC Design, Computer Architecture, Circuit Design, Design Verification, Digital Design, Embedded Systems, Hardware/Software, Machine Learning, Mixed-signal Circuit Design, Programming, Signal and Power Integrity, Statistics, System Modeling, Test/Measurement or Verilog.

Preferred qualifications:

- Currently pursuing a Master’s or PhD in Electrical Engineering, Computer Engineering, Computer Science, Acoustics, Audio Sciences, Physics, or a related field, and returning to a degree program after the internship ends.
- Experience (e.g., research assistant, teaching assistant, personal projects outside the classroom, etc.) in Hardware, Electrical Engineering, Mechanical Engineering, Communication Engineering, Ocean Engineering, Optical Engineering, or other related fields.
- Knowledge and experience in test/design/manufacturing/prototyping tools.
- Excellent coding skills.

About the job

As a Hardware Engineering Intern, you design and build the systems for computing infrastructure. Your work has the potential to shape the machinery that goes into data centers affecting Google users. The teams you will work with design, develop, and deploy next-generation consumer hardware while ensuring that this equipment is reliable. You’ll work closely with engineers to improve our hardware to meet Google's standards of quality and reliability. Your work will have the potential to impact many of Google users.

Depending on your experience, you may have an opportunity to work on a project in Electrical Hardware Engineering, SIPI, System Hardware Engineering, or Validation.

Responsibilities

- Perform specific responsibilities which vary by project area.