

Health Technologies Mechanical Engineering Internship: Spring-Summer 2027

The Health Technologies Mechanical Engineering Team at Apple in Cupertino, California is currently recruiting for a Spring-Summer 2027 internship. If you are interested in joining an energetic, collaborative, engaged team and gain some real world experience, please review the attached job description and submit your resume to AppleHealthTechME-InternResumes@group.apple.com by October 16th, 2026. Phone interviews will be conducted on a rolling basis. Hiring decisions will be made by end of November. This internship will take place within January-September 2027 (5 month minimum).

Please note that Apple requires interns to be full-time students both at the start and the end of the internship. Therefore, the positions cannot be filled by someone after they have graduated unless they can demonstrate that they have already been accepted to graduate school and are deferring their graduate studies to pursue the internship.

Qualifications:

- Relevant industry or academic experience as a mechanical engineer, biomedical engineer or equivalent
- Ability to apply engineering fundamentals and material properties to drive design solutions and solve complex technical problems
- Relevant research experience on adhesive bonding characterization, experimental design (DOE)
- Hands-on experience with prototyping, data collection and statistical analysis
- Comfortable writing scripts in Python, MATLAB, etc for data analysis and visualization
- Intellectual versatility - we only work on new technology and features, this means we are constantly learning about new sensors, techniques, and physiology
- Bonus - experience on mechatronics, flexible printed electronics or precision robotics

Education:

- Current enrollment in undergraduate or graduate program

Description:

The Health Technologies Mechanical Engineering team contribute's to Apple's health efforts in three key areas, listed below. We work closely together as a team to cover these responsibilities. You will be paired with a mentor to help you hone your current skillset while also learning about some of our interdisciplinary responsibilities

Physiological Research

- Provide perspective in understanding physiological signals, drawing heavily from core mechanical engineering fields
- Research health features and understand origins of relevant phenomena
- Assess prior works to gauge feasibility of potential health sensing strategies

Hardware Prototype Development, Test, and Validation

- Represent mechanical engineering field for interdisciplinary efforts to build prototype systems used to acquire health signals
- Design mechanical sensing architectures
- Develop sensor prototypes, specifications, and processes

- Build hardware test strategies and testers
- Validate and calibrate precision sensing hardware using laboratory experiments
- Procure and coordinate lab equipment
- Contribute to New Product Introduction (NPI) process
- Communicate concepts, proposals, and results to interdisciplinary teams and executives

Human Studies

- Collaborate with interdisciplinary team to design and execute user studies
- Advocate for correct scientific methods and statistical techniques
- Deploy and maintain reference (ground truth) sensors and prototype hardware into longitudinal user studies
- Design user-interaction with prototypes to create well-controlled experiments that will have high data yield
- Interpret study data and results