Internship Opportunity at Stanford University
Graduate/Undergraduate Internship

The Stanford Center for Genomics and Personalized Medicine (SCGPM) is prepared to hire strong candidates who want to hone their skills in a stimulating environment while contributing to cutting-edge health care projects. Selected interns will work with the SCGPM team and be paid a competitive stipend. We are seeking interns who have strong interests in working in the following research areas:

1) Pervasive Computing in Healthcare
   - Wearables devices
   - Edge Computing
   - Mobile programming

2) Large-scale Multi-omics Applications
   - HPC programming
   - Cloud infrastructures
   - Distributed computing frameworks

3) Large-scale Security and Privacy
   - Cloud security
   - Vulnerability management
   - Anonymized genetic data sharing
   - Security configuration management

4) Data Management Systems
   - Efficient storage management
   - Database management systems
   - Data reproducibility and provenance

5) AI/ML in Biology and Healthcare
   - Data mining techniques
   - Deep learning paradigms
   - Scientific AI for computational Biology

6) Performance Engineering
   - Profiling tools
   - Machine learning compilers
   - Domain-specific languages
   - Performance modeling techniques

If you have experience in any of the above areas and coding proficiency in Python/Java/C/C++/SQL/R/Swift, please send your transcripts, CV, and cover letter (focus on why you want to do biomedical research in 1-2 above areas) to scgpm-internship@stanford.edu with the subject "Internship Program: YOUR_NAME".

Deadline for Summer 2020: 12:00 PM PST, March 1st, 2020

We look forward to hearing from you!

https://med.stanford.edu/scgpm/education/scgpm-internships.html