

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

4) Data Management Systems

- Efficient storage management
- Database management systems
- Data reproducibility and provenance

2) Large-scale Multi-omics Applications

- HPC programming
- Cloud infrastructures
- Distributed computing frameworks

5) AI/ML in Biology and Healthcare

- Data mining techniques
- Deep learning paradigms
- Scientific AI for computational Biology

3) Large-scale Security and Privacy

- Cloud security
- Vulnerability management
- Anonymized genetic data sharing
- Security configuration management

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!



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Stanford Center for Genomics and Personalized Medicine

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