FOOTHILL COLLEGE
SCIENCE LEARNING INSTITUTE

SLI STEM Internships Summer 2022: Complete Project List

Please find here a list of all the projects in the SLI STEM Summer Internships for 2022. *Updated 4.22.22*

1. **Study of structure and function of protein from common mold @ *Stanford***: #Biochemistry, #Molecular_Biology, #Lab

2. **Product Intern @ *Digbi Health***: #Health, #Medicine, #Nutrition, #Science_Communications

3. **Wildfire generated toxins and ecosystem recovery @ *Stanford***: #Climate_Change, #Environmental_Science, #Field_Work, #Lab

4. **Redefining poverty: Examining how financial scarcity affects brain development and learning in children and adolescents @ *Stanford***: #Neuroscience, #Data_Science, #Computer_Science, #Psychology

5. **Exploring how plant compounds influence mammalian immune responses @ *Stanford***: #Biology #Molecular_Biology, #Plant_Biology

6. **Python and Matlab programming for particle accelerators @ *SLAC***: #Physics, #Computer_Science

7. **Software Engineering Intern @ *Avenda Health***: #Computer_Science, #Biotech

8. **RISC-V Microprocessor Validation @ *Aril Computer Corp***: #Computer_Science

9. **Research Associate @ *iSono Health***: #Computer_Science, #Engineering, #Machine_Learning

10. **Social media web scraping and data cleaning @ *DARC (Stanford)***: #Data_Science #Computer_Science

11. **Identifying critical features of mini-earthquakes @ *Stanford***: #Computer_Science, #Machine_Learning, #Physics

12. **Mechanical behavior of additive manufactured polymers and composites @ *SJSU***: #CAD, #Engineering

13. **New materials as inks for 3D bio-printing @ *Stanford***: #3D_Printing, #CAD, #Engineering, #Medicine

14. **R&D and Manufacturing Intern @ *Potrero Medical***: #Health, #Engineering, #CAD, #Medical_Technology

15. **Exploring radar for two-car target tracking @ *Stanford***: #Engineering, #Computer_Science

16. **Biomedical data fusion with machine learning @*Stanford***: #Medicine, #Computer_Science, #Machine_Learning, #Molecular_Biology

17. **Research and Development Intern @ *Digbi Health***: #Biotech #Health #Nutrition #Science_Communication

18. **Injectable Hydrogels for the Delivery of Gene-Based Myocardial Infarction Therapy @ *Stanford***: #Biotech, #Chemistry, #Lab, #Medicine

19. **Quality Associate @ *iSono Health***: #Lab, #Biotech, #Medical_Technology

20. **Lifting the Bar: Intervening At School to Reduce Juvenile Recidivism @ *Stanford***: #Psychology, #Qualitative_Research

21. **Investigation for Protein Stabilizing Compounds in Liquid and Hydrogel Solutions @ *Intact Therapeutics***: #Biology #Biotech #Chemistry #Lab #Medicine

22. **Synthesis and characterization of electroactive polymers @ *SJSU***: #Organic_Chemistry #Lab

23. **Synthesizing and characterizing thin films in nuclear science @ *SJSU***: #Chemistry #Lab

24. **SLI Summer Leadership Fellow @ *Foothill***: #Leadership, #STEM_Education, #STEM_Impact

25. **R&D/Quality Internship at *Bulletproof 360:*** #Health, #Nutrition, #Biology, #Chemistry

26. **AI Use Cases and ML Models Evaluation Project Intern @ *Esperanto Technologies***: #Computer_Science, #AI

27. **AI Demo Project Intern @ *Esperanto Technologies***: #Computer_Science, #AI

28. **AI Visualization Project Intern @ *Esperanto Technologies***: #Computer_Science, #AI, #Data_Visualization