2021 NYSCF Summer Internship
Software Engineering Track

The New York Stem Cell Foundation (NYSCF) is a rapidly growing and highly successful nonprofit whose mission is to accelerate cures through stem cell research. We are a vibrant, growing organization that advances cutting-edge stem cell research in our own laboratory and through support for talented scientists at other institutions.

NYSCF is seeking applications for talented Software Engineering Interns to support the development of the NYSCF Global Stem Cell Array®, a robotic system that automates both iPSC derivation and downstream differentiations and assays. Software Engineering Interns are responsible for developing custom software solutions to automate and optimize existing processes and organize and analyze laboratory data.

This position will report to the lead Software Engineer, with additional supervision by other members of the NYSCF Engineering Team. In addition, the role will involve close collaboration with the Array team, including biologists, project managers, IT specialists, and operations experts.

For more information and application requirements, please visit:
https://nyscf.org/summer-internship

All applications and supplementary material must be submitted via our online portal by:
February 19, 2021, 5:00pm Eastern

PROGRAM DETAILS

The NYSCF Summer Internship Program will run 10 weeks; June 7, 2021 – August 13, 2021, 5 days per week 9:30am – 5:30pm Eastern (excluding holidays). **For Summer 2021, Software Engineering internships will primarily take place offsite and be conducted remotely**.

All interns will participate in a comprehensive curriculum designed to broadly expose interns to all functions of the organization and the field of stem cell research.

Candidates must be able to attend the full program. This is a paid position.

ELIGIBILITY CRITERIA

To be eligible, candidates must:
- Must be currently enrolled as a full-time undergraduate student at an accredited institution, in the field of computer science, engineering or the basic sciences, with at least 2 semesters or equivalent experience in computer programming. Recent college graduates and graduate students are also welcome to apply.
- Must be a United States Citizen or Permanent Resident Alien at the time of applying or a foreign applicant with appropriate visa documentation, as required by U.S. Immigration, valid for the course of the Internship.
- Preferred undergraduate cumulative minimum Grade Point Average (GPA) of 3.0 on a 4.0 scale for all completed courses as a matriculating student.
- Applicant must be 18 years or older at beginning of the internship.
- Demonstrated proficiency and experience with programming in languages like VB.NET, C# or C++ is strongly desired. Experience with SQL, database integration and maintenance, and basic computer networking is a plus.
- The applicant should have an interest in stem cell research and have the ability to work and communicate effectively in a fast paced, multi-disciplinary team.
- A high proficiency in both Mac and PC computer, Microsoft Word, Excel, PowerPoint is required.

APPLICATION DETAILS

The application components include:
- Contact and other relevant administrative details
- Complete resume/CV, cover letter, and transcript
- Essay questions relating to the Software Engineering track
- Two letters of reference (one required, one optional)
    - Letters of reference must be submitted by **February 19, 2021**.