Justin Sotolongo | Full Stack Developer

973-494-2065 | [Email](#) | [LinkedIn](#) | [Github](#) | [Portfolio](#)

I am a skilled full stack developer with a solid foundation in biology, biomedical, and tissue engineering. With exceptional technical and logical abilities, coupled with my experience as a teaching assistant in college, I am a masterful communicator who builds communities in every work environment. I bring a unique blend of scientific knowledge, technical expertise, and interpersonal skills to every project, delivering innovative solutions and driving success.

SKILLS

HTML | JavaScript | CSS | Git | Github | React | Node | MongoDB | Express.js | Sterile Technique | Flow Cytometry | Pipetting | 21 CFR Part 11 | Program Management | Training and Development | Lab Management | Leadership

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PROJECTS

Tower of Hanoi | Lead Developer | [Live](#) | [Github](#)
- Developed a mathematical puzzle game that includes multiple levels of difficulty
- Created a solving algorithm that displays a scalable, optimized solution to every level in the game

RESTful Pokemon API | Lead Developer | [Live](#) | [Github](#)
- Developed a RESTful API that stores information for 721 Pokemon
- Full CRUD functionality is possible with this API

TicTacToe | Lead Developer | [Live](#) | [Github](#)
- Recreated the classic game, to be played by two players against each other
- The game tracks number of wins, and includes CS animations to highlight the winner

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PROFESSIONAL EXPERIENCE

Software Engineering Fellow   New York, NY
General Assembly   Feb 2023 - May 2023
- Full-stack software engineering fellow in an intensive, 12-week, 450+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, and data modeling
- Developed a portfolio of individual and group projects utilizing Javascript, React, Express, SQL, HTML, and CSS, as well as implementing team collaboration strategies with Agile project management tactics

Biotech Consultant   Remote
IsoPlexis   2022-2023
- Developed training resources and led trainings for the entire US and EU Sales teams of 25+ to educate on the sales strategy and the biology of novel Single-Cell Proteomic platform
- Hosted individual trainings for the Sales and Field Application Specialists (FAS) for US and EU
- Developed an expedited training regimen to onboard new hires to be autonomous in 3 weeks

Specialist, Associate Bioengineer II   NJ
BMS (formerly Celgene)   2017-2022
- Ran flow cytometry based biological assays to characterize T cells to support Process Development
- Spearheaded cross-departmental flow cytometry trainings for new hires in groups of 5-10 associates
- Presented experiment data in team meetings of 10 to allow for peer review and feedback
- Organized and lead inter-departmental meetings of up to 40 people to align on interdependent projects' progress as well as provide learning modules on current practices, independent projects and industry trends
- Reconstructed internship program, expanding from two on-site participants to 50 remote/hybrid interns
- Implemented novel data-automation features to expedite experimental procedures
- Managed 6 labs to ensure ergonomic optimization and maximize efficiency

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EDUCATION

General Assembly   New York, NY
Software Engineering Immersive - Certificate   Feb 2023 - May 2023

Rutgers University   New Brunswick, NJ
Bachelor of Science (B.S.) in Biomedical Engineering; Minor in Psychology