

# Joshua Collado Soler

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## SUMMARY

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Detail-oriented innovator with a comprehensive understanding of developing secure, user-focused applications across multiple platforms and a proven ability to learn and implement new technologies.

## EXPERIENCE

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<b>Nuasin Next Generation High School</b> Computer Science Teacher	<b>Jun 2022 - Present</b> New York, NY
<ul style="list-style-type: none"><li>Delivered an engaging curriculum to a class of over 80 high school students, aiding students in developing proficiency in programming and improving their problem-solving skills</li><li>Oversaw and managed four cohorts of 25 to 30 students daily, and applied data-driven methods to track and substantially improve the overall student performance</li><li>Co-designed weekly lessons and provided strategic support on lesson plans, resulting in an 12% increase in Regents passing grades compared to previous years</li><li>Supported and challenged a selected group of talented students by designing programming challenges and providing debugging assistance, which led to the creation of a student-led lunch group for programming, peer support and collaboration</li></ul>	
<b>Valence College Prep</b> Computer Science Teacher	<b>Jun 2020 - Nov 2021</b> New York, NY
<ul style="list-style-type: none"><li>Designed a comprehensive computer science curriculum for grades five to eight, focusing on foundational programming skills, digital literacy and online security</li><li>Developed and executed weekly lesson plans based on data collected from previous weeks, while monitoring and ensuring the continuous improvement in student engagement and learning outcomes</li><li>Collaborated in weekly staff meetings to analyze student data and other sensitive information, using insights to develop a data-driven curriculum tailored to student engagement and technical proficiency</li></ul>	
<b>DoSomething.org</b> Software Engineer Intern	<b>Jun 2019 - Sep 2019</b> New York, NY
<ul style="list-style-type: none"><li>Assisted in developing user-centric React modules for the organization’s main website, improving navigation and significantly improving user experience</li><li>Collaborated on data migration to a new database, quickly mastering and integrating Contentful and GraphQL, which enhanced the site’s content management capabilities</li><li>Conducted thorough debugging and testing of new features, ensuring robustness and seamless user experience across multiple platforms</li></ul>	
<h2>EDUCATION</h2> <hr/>	
<b>Columbia University</b> Full-Stack Development Bootcamp	<b>Oct. 2024</b> New York, NY
<ul style="list-style-type: none"><li>Engaged in a comprehensive, project-based focused on mastering React, SQL, Node.js, JavaScript, HTML, and CSS</li><li>Focused and adhering to corporate coding standards and implementing best practices to effectively prepare for real-world software development challenges</li><li>Collaborated on multiple team projects, simulating a professional development environment to sharpen coding and design skills</li></ul>	
<b>Lehman College</b> B.Sc. In Computer Science	<b>Aug. 2019</b> New York, NY
<ul style="list-style-type: none"><li>Relevant Coursework: Problem Solving with Computer Programming, Operating Systems Fundamentals, Computer Systems Management &amp; Support, Data Structures and Algorithms, Calculus I and II</li><li>Participated in coding competitions organized by teachers and mentors, enhancing my programming skills through hands-on experience and fostering collaboration with peers</li><li>Leader of the National Society of Black Engineers (NSBE) and the Society of Hispanic Professional Engineers (SHPE), contributing to workshops and organizing the 2020 NSBE-SHPE Hackathon</li></ul>	