

Gurpreeth Singh

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OBJECTIVE	Seeking an internship for the Summer of 2020		
EDUCATION	<i>Bachelor of Science in Computer Science</i> , GPA: 3.72, CS GPA: 3.86 Stony Brook University, Stony Brook, NY		Expected May 2021
COMPUTER SKILLS	<i>Languages:</i> Java, SQL, Python, C, Javascript, HTML, CSS <i>Other:</i> MacOS, Windows, Linux, Github, MySQL, Firebase		
RELATIVE COURSES	Object-Oriented Programming, Data Structures, Foundations of Computer Science, Application Design, System Fundamentals, Principles of Database Systems, Analysis of Algorithms		
EXPERIENCE	<i>KidOYO Certified Mentor</i> Feb 2019 - Current Internship where we helped kids learn how to code <ul style="list-style-type: none">• Taught children coding during the summer session in person and graded their work• Created coding projects in Python, Java, SQL, and Firebase for students to complete• Designed a course that teaches students about the different types of data structures• Judge at Hackathons where I reviewed submissions for different coding challenges <i>Structure Tone Intern</i> Feb - Apr 2016 Internship about engineering plans and their costs <ul style="list-style-type: none">• Estimated costs of structures by looking at their engineering and architecture plans• Visited construction sites in NYC to view how structures are made based on the plans• Worked in a team as the group leader to design a presentation on cost estimations		
PROJECTS	<i>eCommerce Website and Database</i> Mar - May 2019 Website and Database for eCommerce using Flask and SQL <ul style="list-style-type: none">• Transactions on the website update all appropriate tables in the database• Created different views for employees and customers with appropriate functions• Employees can add/edit/remove inventory items, view all past customer orders, remove reviews, add/edit/remove discounts, accept/deny returns, and more• Customers can add items to their shopping cart/wish list, review and return items, change their personal information, view their past orders, and more <i>Windows and MacOS 2D-Game</i> July - Sep 2018 2-dimensional survival game created using JavaFX and CSS <ul style="list-style-type: none">• Created levels with multiple enemies with animations using inheritance• Designed a shop area where users can buy different upgrades for the player• Allowed users to be able to change key controls of the game, like movement• Game contains a score, coin, health, and a shield system for the player <i>Google Firebase Web Chatroom</i> July - Aug 2019 An online chatroom app created using Firebase and Javascript <ul style="list-style-type: none">• Users can create an account and chat with other users in the chatroom• Allowed users to change their name, their password, and their profile picture• Used firebase authentication, the realtime database, and firebase storage		
INTERESTS	Soccer, Chess, Games, Martial Arts, Geography		