

Aaryan Agrawal

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Profile	Motivated high school junior with experience in engineering and computer science. Collaborative and reliable. Able to learn and adapt to any environment.	
Skills & Abilities	<ul style="list-style-type: none">• Communication, public speaking, organization• Python, Java, JavaScript, SQL• Data analysis, machine learning, neural networks• Vision processing, OpenCV	
Work Experience	Castlight Health, San Francisco, CA	
	Engineering Intern	Summer 2020
	<ul style="list-style-type: none">• Used topic modeling (LDA) to group and understand comments from user surveys• Analyzed and graphed user search database to find trends and improve results	
	Engineering Intern	Summer 2019
	<ul style="list-style-type: none">• Used open-source tools to generate relational diagrams of the databases; provided web interface that anyone at the company could access• Implemented Python tooling to automatically fetch and graph monitoring routines, such as logins and failed auth attempts	
	Gunn Robotics Team, Palo Alto, CA	Fall 2019 – Present
	Controls Subgroup	
	<ul style="list-style-type: none">• Compete in annual FIRST Robotics Competition• Wired all electrical components and CAN bus• Created entire vision processing pipeline• Trained convolution neural network to track balls on field and autonomously move to them• Contributed to main open-source robot codebase	
Education	Gunn High School, Palo Alto, CA	
	Expected Graduation: June 2021	
	Unweighted GPA: 4.0; Weighted GPA: 4.3	
Relevant Coursework	AP Computer Science A Engineering Technology (Gunn Robotics Team) AP Chemistry, Chemistry Honors Analysis Honors, Algebra 2/Trigonometry Honors, Geometry Honors	
Extracurricular Activities	Gunn Badminton Team	Spring 2018 – Present
	Varsity	
	<ul style="list-style-type: none">• Participated in highest Bay Area team division	
	Gunn Cryptology Club	Fall 2019 – Present
	Vice President	
	<ul style="list-style-type: none">• Developed website for hosting large cryptology competition• Publicized competition through social media and school officials	
	Wave Learning Festival	Fall 2020
	Teacher	
	<ul style="list-style-type: none">• Created and taught Data Analysis with Python class• Made Jupyter notebooks for every class session for full interactivity	