

Evan Chang

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Education	University of California, San Diego Bachelor of Science, Mathematics-Computer Science SEPTEMBER 2016 - JUNE 2020		Cumulative GPA: 3.439 Senior Standing																																
Relevant Coursework	COMPUTER SCIENCE Object-Oriented Programming, Data Structures, Software Tools and Techniques, Computer Organization and Systems Programming, Algorithms, Theory of Computation, Computer Graphics (on-going)																																		
	MATHEMATICS Linear Algebra, Calculus and Analytic Geometry, Differential Equations, Vector Calculus, Mathematical Reasoning, Combinatorics, Discrete Mathematics, Statistical Methods, Modern Algebra, Numerical Optimization, Mathematical Modeling (on-going)																																		
	COGNITIVE SCIENCE Introduction to Data Science, Data Science in Practice, Experimental Research Programming (on-going)																																		
Skills	<table><tr><th colspan="2">Proficient in</th><th colspan="2">Experience in</th></tr><tr><td>• Java</td><td>• Javascript</td><td>• BASH</td><td>• ADB</td></tr><tr><td>• Swift</td><td>• XCode</td><td>• HTML</td><td>• SQLite</td></tr><tr><td>• C++</td><td>• Git</td><td>• CSS</td><td>• Spark AR</td></tr><tr><td>• C</td><td>• Git-flow</td><td>• R</td><td>• Android Studio</td></tr><tr><td>• Python</td><td></td><td>• JQuery</td><td>• MATLAB</td></tr><tr><td>• Unix/Linux</td><td></td><td>• Node.js</td><td>• Photoshop</td></tr><tr><td>• vim</td><td></td><td>• GDB</td><td>• Microsoft Office</td></tr></table>			Proficient in		Experience in		• Java	• Javascript	• BASH	• ADB	• Swift	• XCode	• HTML	• SQLite	• C++	• Git	• CSS	• Spark AR	• C	• Git-flow	• R	• Android Studio	• Python		• JQuery	• MATLAB	• Unix/Linux		• Node.js	• Photoshop	• vim		• GDB	• Microsoft Office
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Work Experience	Anifie (previously Robosion) Software Development Consultant		JUNE 2019 - PRESENT																																
	<ul style="list-style-type: none">Contributed to developing iOS application that takes AR filter pictures in Swift.Developed iMessage Chat Extension and Keyboard Extension in Swift that sends personalized GIFs to friends.Developed Facebook Messenger Bot with a Chat Extension that sends personalized GIFs to friends through Node.js webhook server for REST API calls.Created and scripted in Javascript AR filters in Spark AR.																																		
	Robosion Software Development Consultant		JULY 2018 - SEPTEMBER 2018																																
	<ul style="list-style-type: none">Trained natural language processing AI (Wit.AI, Amazon Lex, DialogFlow) to understand a user for English teaching robot.Developed games and conversations for robot in Android Studio.Created and organized spreadsheets and SQLite database for robot's content.Managed two writers to create content for robot.																																		
Projects	Instagram Slideshow Viewer <ul style="list-style-type: none">Developed HTML slideshow with all the pictures from any public Instagram profile.																																		
	Tetris T-Spin Helper (LA Hacks Project) <ul style="list-style-type: none">Worked in a team to code a customized Tetris game that helps players recognize T-Spin setups.Created an algorithm to identify areas on the board to make shadow pieces to appear for T-spins.																																		
	UCSD Class Scheduler Chrome Extension <ul style="list-style-type: none">Adds a button to UCSD class scheduling site that adds class schedule to Google Calendar.Planned iCloud Calendar implementation.																																		
	YouTube Trending Videos Exploration <ul style="list-style-type: none">Worked in a team to find how videos go trending on Youtube through correlations between videos.Cleaned, scraped, and analyzed publicly accessible data on YouTube's trending videos.																																		
	Egyptian Ratslap Game <ul style="list-style-type: none">Replicated the card game Egyptian Ratslap for two players in Java with a GUI.																																		