

# Evan Chang

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