

Nicholas Saquilayan

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Education	UC Berkeley	Dec 2020 (expected)
	Major: Computer Science (GPA: 3.7/4.0) <i>Relevant courses</i> <ul style="list-style-type: none">- Structure and Interpretation of Computer Programs- The Foundations of Data Science- Data Structures (in progress)- Discrete Mathematics & Probability Theory (in progress)	
	Chabot College	May 2018
	Associate of Science in Mathematics (GPA: 3.6/4.0)	
Projects	Academic	
	<i>Ants (Python)</i> <ul style="list-style-type: none">- Implemented the object-oriented logic for a web-based game modeled after Plants vs Zombies <i>Anagram Finder (C++)</i> <ul style="list-style-type: none">- Implemented a hash table of linked lists to group words, from a text file, belonging to the same anagram	
Experience	MESA-TRiO STEM student assistant and tutor	Jun 2017 -- Aug 2018
	<i>Chabot College</i> <ul style="list-style-type: none">- Tutoring students in computer science and math in Calculus 3, Intro to Structured Programming, Object Oriented Programming, and Assembly Language- Prepared and maintained program documents	
	STEM synthesis community college institute program	Jun 2016 -- Aug 2016
	<i>NASA Ames Research Center</i> <ul style="list-style-type: none">- Developed semi autonomous rovers that maneuver obstacles independently with Arduino microcontrollers- Manufactured, designed, and prototyped a rover that collects data via RFID sensors and xBee modules- Practiced project management through Agile Scrum methodology	
Skills	Languages <i>Proficient:</i> Python, C++, Java <i>Familiar:</i> Git, SQL, MIPS Assembly, Matlab, HTML/CSS	