

# Abraham Chen

US Citizen · 📍 Thousand Oaks, California  
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🌐 Inviro · in abraham-h-chen

EDUCATION	<b>California State University, Northridge</b> B.S. in Computer Science GPA: 3.5	Northridge, California <i>Aug 2019 – May 2021</i>
	<b>Moorpark College</b> GPA: 3.3	Moorpark, California <i>Sept 2016 – May 2019</i>
<b>Applied Courses</b> <ul style="list-style-type: none"><li>• <b>Computer Science</b>   Advanced Data Structures, Operating Systems, Software Engineering, Algorithm Design and Analysis, Web Engineering</li><li>• <b>Math</b>   General Calculus Series, Linear Algebra, Applied Statistics</li></ul>		
<b>Volunteering</b>   CSUN Intelligent Ground Vehicle <ul style="list-style-type: none"><li>• Volunteered in a lab under the advisement of Dr. Vidya Nandikolla for school robotics team</li><li>• Met biweekly with navigation logic team to shift codebase from LabVIEW to Python</li><li>• Assisted in SLAM algorithm implementation</li></ul>		
SKILLS	<b>Languages</b> Python, C++, Java, HTML5, CSS3, JavaScript <b>Libraries</b> OpenCV, Numpy, Selenium, BeautifulSoup, JSON-simple <b>Other</b> Git, Github, Linux, Jira, Trello, Vim, Regex, $\LaTeX$	
PROJECTS	<b>Illud</b>   JSON, OSS, Agile Development, Java Swing, Regex <ul style="list-style-type: none"><li>• Led team of 8 to devise an intelligent, cross platform text analyzer in Java</li><li>• Implemented text to speech, dictionary, and search and replace functionality</li><li>• Iterated through GUI designs with user feedback to improve usability and clarity</li><li>• Optimized performance to support 30 million more characters</li></ul>	
	<b>Cerberus</b>   Google Cloud Platform, OpenCV, Google Vision API, Twilio API, Python <ul style="list-style-type: none"><li>• Collaborated with team of 4 to develop a program for automating security footage analysis</li><li>• Sourced and trained the final model with a curated 3,000 image data set</li></ul>	
EXPERIENCE	<b>California State University, Northridge</b> <b>Logic Tutor</b> <ul style="list-style-type: none"><li>• Scheduled over 100 hours of weekly tutoring sessions with students</li><li>• Guided students on how to approach writing formal logic proofs</li></ul>	Northridge, California <i>Mar 2020 – Present</i>
AWARDS	Best Google Cloud Platform Hack at SacHacks, Google Second Runner Up at Southern California ICPC Regional, ACM <ul style="list-style-type: none"><li>• Won \$120 for placing third of 86 attending teams for two year colleges</li></ul>	<i>Nov 2018</i> <i>Nov 2018</i>
	Dean's List, California State University, Northridge	<i>Spring 2020, Fall 2019</i>