

Abraham Chen

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🌐 Inviro · in abraham-h-chen

EDUCATION	California State University, Northridge B.S. in Computer Science GPA: 3.5	Northridge, California <i>Aug 2019 – May 2021</i>
	Moorpark College GPA: 3.3	Moorpark, California <i>Sept 2016 – May 2019</i>
Applied Courses <ul style="list-style-type: none">• Computer Science Algorithm Design, Advanced Data Structures, Software Engineering, Operating Systems, Web Engineering• Math General Calculus Series, Linear Algebra, Applied Statistics		
Volunteering CSUN Intelligent Ground Vehicle <ul style="list-style-type: none">• Volunteered in a lab under the advisement of Dr. Vidya Nandikolla for school robotics team• Met biweekly with navigation logic team to shift codebase from LabVIEW to Python• Assisted in SLAM algorithm implementation		
SKILLS	Languages	Python, C++, Java, C, HTML5, CSS3, JavaScript
	DevOps	Git, Github, Linux, Agile, Scrum, GCP, Jira, Slack, Trello, Selenium
	Other	Vim, Regex, Mandarin Chinese, L ^A T _E X
PROJECTS	Illud Java, JSON, Agile Development, Regex, SwingGUI <ul style="list-style-type: none">• Led team of 8 to devise an intelligent, cross platform text analyzer in Java• Implemented text to speech, dictionary, and search and replace functionality• Iterated through GUI designs with user feedback to improve usability and clarity• Optimized performance to support 30 million more characters	
	Cerberus Python, Google Cloud Platform, OpenCV, Google Vision API, Twilio API <ul style="list-style-type: none">• Collaborated with team of 4 to develop a program for automating security footage analysis• Sourced and trained the final model with a curated 3,000 image data set• Demoed at SacHacks hackathon	
	CaptiveFi Python, Selenium, TkinterGUI <ul style="list-style-type: none">• A tool used for logging into captive portals once, and then automating the rest of the logins.	
EXPERIENCE	California State University, Northridge Logic Tutor	Northridge, California <i>Mar 2020 – Present</i>
	<ul style="list-style-type: none">• Improved student academic performance through 100+ hours of weekly tutoring sessions• Guided students on approaching formal logic proofs to help them understand the process	
AWARDS	Best Google Cloud Platform Hack at SacHacks, Google	<i>Nov 2018</i>
	Second Runner Up at Southern California ICPC, ACM	<i>Nov 2018</i>
	• Won \$120 for placing third of 86 attending teams for two year colleges	
	Dean's List, California State University, Northridge	<i>Fall 2019, Spring 2020</i>