Abraham Chen

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EDUCATION

California State University, Northridge — Northridge, California
B.S. in Computer Science — *Graduating May 2021*
GPA: 3.55

Applied Courses
- **Computer Science** | Algorithm Design, Advanced Data Structures, Software Engineering, Web Engineering Series, Embedded Systems, Human Computer Interaction
- **Math** | Calculus Series, Linear Algebra, Applied Statistics

Volunteering | CSUN Intelligent Ground Vehicle
- 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, HTML5, CSS3, JavaScript
DevOps	Git, Github, Linux, Agile, Scrum, GCP, Jira, Selenium
Other	Vim, Regex, LaTeX

PROJECTS

Illud | Java, JSON, Regex, SwingGUI
- 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

AbrahamChen.me | JavaScript, CSS3, HTML5, Fetch API
- My responsive portfolio website built with SEO and accessibility in mind.
- Uses Ajax via the new fetch interface to retrieve current repository information on page load

Cerberus | Python, Google Cloud Platform, OpenCV, Google Vision API, Twilio API
- 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

Project Rebound Meridian (In Progress) | JavaScript, ReactJS, AWS, SQL (RDS), EC2
- Secure data management application created for the Project Rebound program at CSU Northridge
- Helps program administrators keep track of students and the data needed to secure grants

EXPERIENCE

California State University, Northridge — Northridge, California
Logic Tutor — *Mar 2020 – Present*
- Mentored students and fostered academic success through 100+ hours of weekly tutoring sessions
- Led one on one discussions to facilitate learning through guided questions

AWARDS

Best Google Cloud Platform Hack at SacHacks, Google — *Nov 2018*
Second Runner Up at Southern California ICPC, ACM — *Nov 2018*
- Won $120 for placing third of 86 attending teams for two year colleges

Dean's List, California State University, Northridge — *3 Semesters*