

# Max Huang

Creative, motivated & tech savvy student, US Citizen  
Seeking internships and co-op positions

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## Education

<b>Texas A&amp;M University</b>	<b>2019 - Fall 2023</b>	<b>B.S. Computer Science</b>	Dean's Honor Roll
• Major GPA 4.0   Overall GPA 3.5	Minor in Statistics, Cybersecurity	Expected Graduation Fall 2023	
<b>Coursework</b>			
• <b>Data Structure &amp; Algorithms :</b>	Object Oriented Programming in C++, Time complexity, Graphs, Hashing		
• <b>Intro to Machine Learning :</b>	Parametric and non-parametric methods (KNN) in Python		
• <b>Principles of Statistics II :</b>	Statistical Analysis of Data Sets using R		

## Employment

<b>JPMorgan Chase &amp; Co</b>	<b>Summer 2023</b>	<b>SEP Summer Intern</b>
• Developed margin overview dashboard for use by JPMC Collateral Data Management team		
• Saved business 7-10 man hours daily, split between 6 workers doing manual margin data analysis		
• Gained experience in Full Stack Development, React, Redux, JavaScript (ES6), Java, Cassandra		
<b>FlightSafety International</b>	<b>Summer 2022</b>	<b>Database Tools Intern</b>
• Developed and improved existing database & visualization tools for use by modelling and imagery team		
• Worked on 20+ year old legacy codebase, gained experience in Perl, C++, Visual Studio		

## Skills & Qualifications

• <b>Development:</b>	Proficient : <b>C++</b> Familiar : <b>Java, Python, R, React/Redux, CQL</b>
• <b>Software Skills :</b>	Proficient : <b>Adobe Creative Suite, Autodesk AutoCAD</b> Familiar : <b>R studio, Jupyter Notebook</b>
• <b>Language Skills :</b>	Native: <b>Chinese - Mandarin</b> Familiar : <b>French, Japanese</b>
• <b>Other Skills :</b>	Woodworking, Architectural Design, Graphics Design, Photography

## Projects

<b>KaraEcho Alexa Skill</b>	<a href="https://devpost.com/software/karaecho-karaoke-amazon-alexa-skill">devpost.com/software/karaecho-karaoke-amazon-alexa-skill</a>
• Alexa Karaoke Skill, removes vocal from any song on demand using machine learning	
• Gcloud Flask server retrieves & processes song from streaming service (YouTube), then send to Alexa for playback	
• Built with AWS Lambda, Gcloud, Flask	

## Awards

<b>ACC General Motors Personal Website Contest - 3rd Place</b>	<a href="https://mikealphaxray.github.io">mikealphaxray.github.io</a>
• Built Fully Responsive Personal Website with HTML + CSS	
<b>Div Hack 2021 - Most Creative Award</b>	
• Built Augmented Reality app with SparkAR, App allows user to view 3d model in AR space on a mobile device	

## Extracurriculars

<b>Clubs &amp; Organizations</b>	
• <b>Aggie Coding Club</b> - Member	Currently pursuing officer position
• <b>Aggie Web Developers</b> - Member	Attended workshops, Intro to Version Control with GitHub
• <b>Society of Asian Scientists and Engineers</b> - Member	Attended workshops & meetings
<b>Hackathons</b>	
• <b>HowdyHack 2021</b> - 24 hour hackathon in team of 4, developed KaraEcho Alexa Skill, gained experience in AWS Lambda	
• <b>Div Hack 2021</b> - 24 hour hackathon in team of 2, developed SparkAR Augmented Reality app	