

Max Huang

Creative, motivated & tech savvy student, U.S. Citizen
Seeking internships and co-op positions

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Education

Texas A&M University	2018 - Fall 2023	B.S. Computer Science	Dean's Honor Roll
• Major GPA 4.0 Overall GPA 3.5	Minor in Statistics, Cybersecurity	Expected Graduation Fall 2023	
Coursework			
• Data Structure & Algorithms :	Object Oriented Programming in C++, Time complexity, Graphs, Hashing		
• Intro to Machine Learning :	Parametric and non-parametric methods (KNN) in Python		
• Principles of Statistics II :	Statistical Analysis of Data Sets using R		

Employment

FlightSafety International	Summer 2022	Database Tools Intern
• Developed and improved existing database & visualization tools for use by our modelling and imagery team		
• Worked with power of 2 mapped satellite imagery, worked on 20+ year old legacy codebase		
• Gained experience in Perl, C++, Visual Studio		

Skills & Qualifications

• Development:	Proficient : C++ Familiar : Java, Python, R, HTML, CSS
• Software Skills :	Proficient : Adobe Creative Suite, Autodesk AutoCAD Familiar : GitHub, R studio, Jupyter Notebook
• Language Skills :	Native: Chinese - Mandarin Familiar : French, Japanese
• Other Skills :	Woodworking, Architectural Design, Graphics Design, Photography

Projects

KaraEcho Alexa Skill	devpost.com/software/karaecho-karaoke-amazon-alexa-skill
• 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	
Seam Carving	github.com/MikeAlphaXray/Seam-Carving-cpp
• Content Aware image scaling, scales image while preserving proportions of the subject	
• Based on the paper presented at ACM SIGGRAPH 2007	

Awards

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

Extracurriculars

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