

Max Huang

Creative, motivated & tech savvy student,
currently seeking internships and entry level positions

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Education

Texas A&M University

- 2018 - Present

B.S. Computer Science, Minor in Statistics

Major GPA 4.0 Overall GPA 3.5 Expected Graduation Fall 2023

Coursework

- Intro to Program Design in C++ : Object Oriented Programming in C++, intro to Linked Lists
- Discrete Structures in Computing : Formal Logics, Algorithm Complexity, Proof by Induction, Directed Graphs
- Principles of Statistics II : Statistical Analysis of Data Sets using R
- Engineering Mathematics II : Calculus II, Mathematical Computing using NumPy & Python

Skills & Qualifications

- Programming : Proficient : **C++** Familiar : **Java, Python, R**
- Software Skills : Proficient : **Adobe Creative Suite, Autodesk AutoCAD** Familiar : **GitHub, R studio, Cinema 4D**
- 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

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

TPEC Logo Design Competition - Winning Entry

- Hosted by Texas Power and Energy Conference, Design chosen for adoption and displayed at TPEC events

Extracurriculars

Clubs & Organizations

- Aggie Web Developers - Member Attended workshops, Intro to Version Control with GitHub
- Aggie Coding Club - Member Currently on web development project team
- 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

Volunteering

- Houston Food Bank - Helped with Food Drives, Pantries, Food Sorting, Learned to operate a powered Pallet Jack