Jinping Xi

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   hackathonwebsite.com/something/some-link

- 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/something/some-link

- Content Aware image scaling, scales image while preserving proportions of the subject
- Based on the paper presented at ACM SIGGRAPH 2007

Awards

General Motors Personal Website Contest - 3rd Place   something.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