

# Haoyu Joshua Fan

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[Website](#) | [LinkedIn](#) | [Github](#)

## EDUCATION

**The University of Texas at Austin**, Austin, TX May 2024  
*Bachelor of Science in Computer Science*, GPA: 4.0  
Certificate in Applied Statistical Modeling  
Relevant Coursework: Data Structures, Discrete Mathematics, Computer Organization & Architecture, Statistics & Probability, Freshman Research Initiative, Competitive Programming, Multivariable Calculus, Undergraduate Study

## SKILLS

**Technical/Computer Skills:** Fluent in Java, C, Python, Dart/Flutter; Familiar with HTML, CSS, JavaScript, SQL; Proficient in Microsoft Office/Google Applications  
**Languages:** Native in English, Conversational in Chinese, Advanced in Spanish

## PROJECTS

- **Minesweeper (Current)** - Engineer Minesweeper and a program in Java to beat it with a 100% win-rate
- **Story App** - Assemble a mobile app that manages and conveys stories visually and audibly in various languages
- **Personal Website** - Designed a website utilizing HTML, CSS, and JavaScript to highlight personal information
- **Connect 4** - Assembled a dual user Connect 4 game using Java to provide an interface for 2 clients to compete
- **Word Generator** - Designed a mobile app to generate interactive vocabulary words

## EXPERIENCE

**Upstream - Pioneers**, Austin, TX January 2022 - Present  
*Full Stack Software Engineer Intern*

- Create a mobile app that manages and translates information visually and audibly for less common languages
- Skills used: Flutter/Dart/Java/C

**LA Fitness**, Houston, TX June 2021 - August 2021  
*Customer Service Representative*

- Supervised all responsibilities that dealt with members of LA Fitness: operating the software and UI of LA Fitness to digitally manage customer accounts, memberships, subscriptions, and billing
- Skills used: LA Fitness software/UI

**DFL Oil and Gas Technology**, Houston, TX June 2017 - May 2021  
*Intern*

- Self-taught HTML, CSS, and JavaScript to gain skills in order to build a website for the company and managed company data with Microsoft Excel spreadsheets
- Skills used: Microsoft Excel, HTML, CSS, JavaScript

## COMMUNITY INVOLVEMENT

**University of Texas Programming Contests**, Austin, TX August 2021 - Present

- Design and implement code in Java to solve a variety of problems in competitions

**Texas Guadaloop Research**, Austin, TX August 2021 - Present

- Research a multitude of topics surrounding the development of hyperloops as a method of transportation

**Texas Epic Ministries - Outreach Team**, Austin, TX August 2021 - Present

- Lead the efforts of saving people with faith in our Lord and Savior, Jesus Christ, and bringing Him utmost glory

## HONORS AND AWARDS

Phi Beta Kappa Scholarship Recipient | Toby Finnett Scholarship Recipient | Valedictorian at Memorial High School | Eagle Scout | ALDPES Honor Recipient