

Anthony Teo

anthonyteo.com

yihonganthony@gmail.com

832-980-3785

Education

Texas A&M University / College Station, Texas
BS in Computer Science, Minor in Mathematics

December 2022

GPA: 4.00

- Dean's Honor Roll, Engineering Honors and University Honors Program

Experience

Amazon

Software Engineer Intern

Seattle, Washington

May 2021 – August 2021

- Designed and implemented a feature on a framework tool allowing teams to generate custom data to test code changes without waiting for upstream changes to be in production. Used **Java** and **React**, with **JUnit** for testing
- Improved time-to-market of plugin changes by 5–10 days for 100+ teams in the delivery experience organization

Highlight

Software Engineer Intern

Remote

March 2021 – May 2021

- Developed and shipped full-stack core features providing clients with insights into user interactions and errors using **Go**, GraphQL, and **React/TypeScript**
- Created framework for session replay calculation extended upon by core features (Comments and Search)

MathWorks

Software Engineer Intern

Natick, Massachusetts (Remote)

January 2021 - March 2021

- Extended functionality of a section management plugin to different file types in MATLAB using **JavaScript**
- Defined requirements for the plugin and discussed features with different teams and feature owners

PROS

Software Engineer Intern

Houston, Texas (Remote)

June 2020 - August 2020

- Designed and developed new core feature in the airline pricing software to optimize ticket prices. Built frontend with **React** and **Redux**, backend with a **Java Spring** REST API. Used **Cucumber** and **Jest** for BDDs and unit tests
- Worked with PM and UX to comb Jira stories in an **Agile** environment, using Jenkins and Gradle to validate builds

Texas A&M Engineering

Web Developer

College Station, Texas

September 2019 - Present

- Developed the Cyber Physical Resilient Energy Systems website with **HTML**, **CSS**, and **JavaScript**
- Streamlined process for researchers to provide monthly updates using **Confluence** and **Jira**

TAMUhack

President

Texas A&M University

February 2021 – Present

- Managing a passionate team to organize the largest student-run hackathon in Texas with 800+ attendees

Creative Director

March 2019 – February 2021

- Led a 4-person design team in creating promotional materials for two hackathons with **Adobe Illustrator** and **InDesign**
- Created prototypes in **Figma** and implemented interactive websites using **HTML**, **CSS**, **JavaScript** and **Git**

Projects

Whisperify / whisperify.net

January 2020 - Present

- Created a full stack web application with **10K+ monthly users** to generate personalized quizzes and display analytics from users' Spotify activity, along with quiz sharing capabilities. Built with the **Spotify API**, **Node.js**, **Angular**, and **MongoDB**

Honors & Awards

Hackathons: Winner of **10+ hackathons**. Most submissions found at devpost.com/anthonyteo

- **1st** overall Camp Figma (Figma) - Design guidance tool to make design more accessible, with **Figma**
- HackTX (Univ. of Texas - Austin) - Social inventory management for social services, with **React**, **Node**, and **Python**

Competitive Programming: **Top 6** in the fall competition and represented Texas A&M at the **2019 & 2020 ICPC Regionals**

Core Competencies

Programming: (Proficient): JavaScript, TypeScript, Python, Java, C++ (Experienced): Go, SQL

Tools: HTML5, CSS3/SCSS, React, Redux, Angular, NodeJS, Express, MongoDB, PostgreSQL, Jupyter, Git

Languages: English (Native), Chinese (Native), Malay (Fluent)

Interests: Software Development, UI/UX Design, Machine Learning