Anthony Teo

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EDUCATION

Texas A&M University / College Station, Texas   May 2022
B.S. in Computer Science, Minor in Mathematics   GPA: 4.00
- Member of ACE Scholars and University Honors

CORE COMPETENCIES

Languages: Python, C++, JavaScript

Tools: HTML5, CSS3, React, jQuery, Git

Other: Fluent in Chinese, English and Malay, Intermediate level Spanish knowledge

Interests: Software Development, UI/UX Design, Data Science, Artificial Intelligence

EXPERIENCE

Texas A&M Engineering / College Station, Texas   September 2019 - Present
Web Developer
- Maintained and implemented features for the Cyber Physical Resilient Energy Systems project website using **HTML**, **CSS**, and **JavaScript**
- Organized files and streamlined the process for project members to provide monthly updates using **Confluence** and **Jira**

TAMUhack / Texas A&M University   March 2019 - Present
Director
- Prototyped hackathon event website in **Figma** and implemented website using **HTML**, **CSS**, **JavaScript** and **Git**
- Designed promotional materials such as marketing documents, logos, and graphics in **Adobe Illustrator** and **InDesign**
- Networked with sponsors for TAMUhack, Texas A&M University's largest hackathon with 800+ attendees
- Directed HowdyHack, a beginner friendly hackathon with 200+ attendees

Texas A&M Transportation Institute / Bryan, Texas   July 2019 – September 2019
Research Intern
- Overhauled road mix calculator web tool with PDF report generation using **JavaScript**, **jQuery** and **jsPDF**
- Leveraged **React** and a relational CSV database to build a tool that recommends roadside vegetation control methods

Physiological Indicators of Workload and Stress / Texas A&M University   January 2019 – July 2019
Student Researcher
- Used wrist and chest sensors to record subjects' reaction to workload and stress in autonomous vehicles
- Developed **Python** programs to quickly process physiological and performance data of over 50 subjects

PROJECTS

- **PARIS** / A rock, paper, scissors AI web app that identifies patterns from a player's move history. With an algorithm coded with **JavaScript**, it predicts and counters the user's next move.
- **Personal Website** / Used **Jekyll** to implement a portfolio website with a blog and case studies of projects. Designed website with WCAG and common UX practices in mind.
- **Invoke** / Developed an application to speed up the invoice management process. Allows you to take a picture of an invoice on your phone and inputs that into a spreadsheet while generating descriptive statistics. Picture processed with Microsoft Azure Computer Vision API and analyzed with **Python** matplotlib and pandas libraries.