Stephanie Lam

(832) 655-0836 • [stephanie.lam_3211@tamu.edu] • linkedin.com/in/stephanie-c-lam/

PROJECT EXPERIENCE

Website Development   **Aug 2022 – Sep 2022**
- Developed website for enhancing public understanding of personal professional image
- Utilized HTML, CSS, and Javascript to construct and design portfolio
- Showcased ability to toggle between different styles applying CSS and Javascript

Rasterization Process   **Sep 2022 – Oct 2022**
- Worked with OpenGL to rasterize both triangles and lines, rendering image spaces
- Explored usage of rasterization algorithms to construct various rendered environments

Ray Tracing   **Nov 2022 – Nov 2022**
- Programmed ray tracing process for handling on-screen reflections
- Employed light propagation techniques to simulate accurate ray tracing on realistic objects

WORK EXPERIENCE

Cybersecurity Researcher   **Texas A&M University**   **Aug 2021 – Present**
- Discovered vulnerabilities in Smart Contract Verification Code
- Worked collaboratively to achieve research goals of creating a more secure contract
- Helped test functionality of new code to detect any new faults or vulnerabilities

Teaching Assistant   **Texas A&M University**   **Aug 2021 – Present**
- Guided engineering undergrads with introductory programming coursework
- Tutored and supported students regarding Python programming language
- Assisted professor with grading class materials

Programming Instructor   **Code Ninjas**   **Summer 2019 – 2020**
- Taught students software development fundamentals including Javascript frontend programming and robotics fundamentals

TECHNOLOGIES AND LANGUAGES

- **Languages**: C++, Java, Python, JavaScript, Haskell, HDL, HTML, CSS, OpenGL
- **Technologies**: Git, Docker
- **Other**: Microsoft Office Suite, Adobe Creative Suite

EDUCATION

Texas A&M University   May 2024 (Expected)
Bachelor of Science, Computer Science; Mathematics Minor • GPA: 3.29