**Jason Huynh**

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**EDUCATION**

**Texas A&M University** College Station, TX

*Bachelor of Science in Computer Science* Expected Graduation: May 2026

**GPA**: 4.0

**Relevant Coursework**:Program Design and Concepts, Discrete Structures for Computing, Data Structures and Algorithms, Programming Languages, Foundations of Software Engineering, Design and Analysis of Algorithms

**EXPERIENCE**

**Samsung Austin Semiconductor**

*Software Engineering Intern* *Summer 2024*

* Implemented various frontend optimization techniques, such as debouncing, that improved the performance of a maintenance task calendar application by saving backend container resources, resulting in a 20% increase in application loading speed.
* Refactored frontend components and added additional features to various pages and applications, significantly improving user experience and efficiency for over 250 users.
* Created an API bot that processes user defined requests and sends the results back. API bot functionality dramatically reduced a tedious and repetitive workflow by 90%.
* Created an automated alert using the Cron utility resulting in the elimination of a 1.5 hour monthly task.

**J.P. Morgan**

*Virtual Software Engineering Internship Experience* *Summer 2023*

* Created an interactive stock market graph using Python and J.P. Morgan’s data visualization software (Perspective).
* Enabled users to make informed financial decisions by providing an interactive visualization of stock market data and trends.

**PROJECTS**

**Live Chat Room** *Summer 2024*

* Designed and developed both frontend and backend for a live chat room app using Python, Flask, and SocketIO.
* Implemented features allowing users to browse available chatrooms, create and join chatrooms, engage in real-time messaging, and access chat history, delivering a comprehensive and interactive communication platform.

**URL Shortener** *Summer 2023*

Developed a URL shortening service using Python and Flask, implementing collision-resistant, hash generation and achieving a 50% reduction in URL length, while maintaining 100% redirect accuracy.

**STUDENT ORGANIZATIONS**

**Filipino Student Association**

*Soccer Team Captain/Coordinator* *Spring 2024*

* Organized team practices, registered and organized intramural matches, and recruited new members.
* Recruited over 50 members through promotional campaigns and recruitment events.

**Aggie Coding Club** *Fall 2023*

* Aggie Coding Club provides the students of Texas A&M University that are interested in software development the opportunity to explore their careers and passions through projects, meetings, and workshops.

**Sigma Phi Epsilon Fraternity**

*Public Affairs Committee (Website Chair)* *Fall 2022*

* Worked on and maintained a website for Sigma Phi Epsilon Fraternity at Texas A&M.
* Enhanced the fraternity’s communication, outreach, and overall effectiveness in reaching its goals, whether they be related to recruitment, member/alumni engagement, philanthropy, or fundraising.

**ADDITIONAL INFORMATION**

**Technical Skills:** Python, C++, Git, HTML, CSS, JavaScript, Linux, Haskell, Assembly, LaTeX

**Languages:** English and Vietnamese

**Work Eligibility:** Eligible to work in the U.S. with no restrictions