AMY PHAN

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EDUCATION

University of North Texas   **Anticipated Graduation May 2024**

Bachelor of Science (B.S) Computer Engineering | ABET Accredited | GPA: 3.2

- **Awards:** Grace Hopper Scholar (2023), SASE Collegiate Star Honorable Mention (2023), James Carl Matthews President of the Year (2023), JPMorgan Chase & Co. CodeForGood Hackathon Winner (2022), Outstanding New Chapter of the Year (2022), New Student Organization of the Year (2022)

EXPERIENCE

JPMorgan Chase & Co.   **June 2023 - Present**

Software Engineering Intern

- Modernized business flow pages by migrating large-scale legacy code from AngularJS to React while ensuring compliance with Figma and Acceptance Criteria Guidelines allowing over 20,000 customer interactions a day.
- Established a backend testing system enabling 100% service automation for customer verification for 8 microservices without disrupting user experience.
- Eliminated complex bugs related to multithreading and aspect oriented programming, ensuring smooth and efficient operation of microservices by 100%.

SKILLS

Programming: C++ | C | JavaScript, | Python | HTML | CSS | Java | Swift | SwiftUI | Firebase | Verilog | VHDL | MATLAB | TypeScript

Tools & Frameworks: Git | Linux | Figma | Node.js | Express.js | React | React Native | MongoDB | IBM Rhapsody | Arduino IDE | FPGA

PROJECTS

BudgetBuddy | Personal Project   **January 2023 - Present**

Individual Project - using Swift, SwiftUI, and Firebase

- Pioneered an iOS-friendly mobile app that tracks the user's transactions through their bank account and cash receipts using Optical Character Recognition (OCR) and AI scanner software to manage the user's finances.

Coastal Compass+ | 2022 CodeForGood Hackathon Winner   **October 2022**

Group Project (6) - used HTML, CSS, JavaScript, Figma, Node.js, Express.js, and MongoDB

- Fostered a non-profit organization by innovating an interactive website and mobile application allowing 10,000+ Texas Gulf Coast residents to have access to services enhancing both their career and day-to-day lives.
- Obtained hands-on experience with JavaScript, Figma, Node.js, Express.js, and MongoDB to spread the non-profit organization's mission to rural areas increasing resources to the community by 3077.73%.

LEADERSHIP EXPERIENCE

Society of Asian Scientists and Engineers (SASE)

South Regional Coordinator   **May 2023 - Present**

- Elevated growth and engagment in SASE's mission by providing guidance and support to 4 university chapters.
- Orchestrated mental health initiatives to provide resources for 1,500+ members.

President and Founder (SASE UNT)   **August 2021 - May 2023**

- Established a community that jumpstarts student career with 100% of junior members accquiring internships in their respective fields; exponentially expanding membership by 962.5% within its first year.
- Bridged gaps for students by partnering with over 15 different companies and 25 guests to host interactive meetings promoting professional development workshops, internships and shadowing opportunities by 650%.

Engineers United (HackUNT)   **May 2023 - Present**

Vice President

- Strengthened communication and collaboration between 40+ engineers and 7+ engineering organizations, annual hackathons, and other social events.
- Facilitated HackUNT 2023 operations, accumulating $20,000+ in sponsorships and 250+ attendees.