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 - August 2023**

Software Engineering Intern

- Modernized large-scale legacy code from AngularJS to React while ensuring compliance with Figma and Americans with Disabilities Act Guidelines allowing over 20,000 small-business customer interactions a day.
- Established a backend testing system using Java enabling 100% service automation for customer verification without disrupting user experience within 3 months.
- Excelled as a problem-solver for cloud deployment, multithreading, and aspect oriented programming ensuring 35% smoother and efficient operations of a testing application.

SKILLS

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

Tools & Frameworks: Git | Linux | Figma | Node.js | Express.js | IBM Rhapsody | React | SwiftUI | Firebase | MongoDB | 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 and cash receipts using Optical Character Recognition (OCR) and AI scanner software to assist the user in tracking their finances by 36%.

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+ of 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 20%.

LEADERSHIP EXPERIENCE

Society of Asian Scientists and Engineers (SASE)

South Regional Coordinator   **May 2023 - Present**

- Elevated growth and engagement in SASE's mission by 23% 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 acquiring internships in their respective fields while 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 30%.

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

Vice President

- Strengthened technical skills of 40+ student engineers and collaborated with 7+ engineering organizations through hosting annual hackathons and software development workshops.
- Directed the execution of HackUNT 2023, accumulating $20,000+ in sponsorships and 250+ attendees.