

AMY PHAN

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EDUCATION

University of North Texas

August 2020 - May 2024

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

- **Awards:** Golden Eagle Award Recipient (2024), WEHack UTD 2nd Place Winner (2024), 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.

Software Engineer

Anticipated August 2024

Software Engineering Intern

June 2023 - August 2023

- 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 in an agile environment 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 | React | SwiftUI | Firebase | MongoDB | FPGA

PROJECTS

TherapyTouch | Personal Project

February 2024 - Present

Individual Project - using Swift and SwiftUI

- Pioneered an all in one mental health app that allows users to receive live help, journal, view their journey, and meditate.

SmartParking | Senior Project

August 2023 - May 2024

Group Project (4) - using React Native JS, AWS Config, AWS DynamoDB, ESP32, and Ultrasonic Sensors

- Innovated a hardware device and mobile app to provide real-time updates on parking space availability, integrating accessible features like a heatmap and AI/ML-driven parking lot occupancy predictions.
- Facilitated as the main UI/UX and software developer in all mobile application operations, while connecting both hardware and software components together efficiently.

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 with all universities increasing 2-3 times its membership size compared to its previous year.
- Orchestrated mental health initiatives providing resources to over 2,000+ professional and collegiate 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%.