Sabrina Nguyen

she/her | 781-506-6783 | sabrinanguyen21@yahoo.com | linkedin.com/in/sabrina-nguyen21 | github.com/sknooyen

EDUCATION

University of Massachusetts Amherst — Amherst, MA
Bachelor of Science in Computer Science — **Expected Graduation: May 2025**
Bachelor of Science in Mathematics – *Mathematical Computing*
Dean's List — Fall 2021, Spring 2022, Fall 2023, Spring 2024
GPA: 3.618

EXPERIENCE

TechStart Intern — Summer 2024
Liberty Mutual Insurance — Portsmouth, NH
- Developed a Digital Content Solution aimed at solving eFile Manager analytics and insights as part of the Global Risk Solutions – Digital Content Solutions team of interns and engineers
- Contributed to collaborative, Agile learning environment by being an active participant to retrospective sessions, daily standups, and weekly sprint planning meetings

Teaching Assistant — Fall 2022 - Present
University of Massachusetts Amherst — Amherst, MA
- **Courses**: Math 104: Algebra, Analytic Geometry and Trigonometry, Math 101: Precalculus, Algebra, Functions and Graphs, Math 100: Basic Math Skills for the Modern World
- Facilitates learning by holding office hours, hosting exam review sessions, proctoring exams, and mentoring students to build critical thinking skills for improved academic performance.

Peer Advisor — Fall 2023 - Present
University of Massachusetts Amherst — Amherst, MA
Department of Mathematics and Statistics
- Advises students during one-on-one sessions on course selection, enrollment strategies, and campus resources, enhancing their academic success and overall university experience.

PROJECTS

Planet Parv | *Unity, C#, GitHub* — Fall 2024
- Developed a Unity-based educational game on Mars exploration, incorporating interactive challenges to teach players about Mars as they navigate the planet.
- Designed and implemented core features, including a UFO AI with fireball projectiles, player-object collision detection, and intuitive game UI, enhancing gameplay experience.

Campuswire Analytics | *React, Material UI, GitHub* — Fall 2023
- Built an analytics dashboard from provided JSON data of an online forum in order to make it easier for the user to view data from Campuswire in an organized format
- Actively communicated with each member of the full-stack development team to ensure set goals were met in a timely manner and reported weekly progress to an assigned project manager

LEADERSHIP

Society of Asian Scientists and Engineers (SASE) — Sep. 2021 - Present
University of Massachusetts Amherst Chapter — *Amherst, MA*
Positions held: President (current), Vice President, Secretary, Freshman Representative
- Cultivated strong leadership and professionalism through the E-Board position in order to serve the Asian heritage STEM community at UMass Amherst
- Collaborated with other E-Board members to provide opportunities for our members to grow their professional skills, celebrate cultural diversity, and give back to their local communities
- Contributed to the growth of the SASE Chapter through consistent networking, advertising, and setting an example for future leaders to follow

TECHNICAL SKILLS

Languages: Java, C/C#/C++, JavaScript, TypeScript, SQL, HTML, CSS
Developer Tools/Frameworks: jGrasp, VSCode, IntelliJ IDEA, Figma, React, Angular, Node.js, Agile Scrum, Jira, GitHub, Unity