

Dear Hiring Manager,

I am writing to express my strong interest in the Software Engineering position. As a Software Engineer graduate with a robust background in mathematics and a passion for teamwork, I am confident that my technical expertise and collaborative skills would make a valuable contribution to any forward-thinking tech team.

I graduated from ASU's Software Engineering program in December 2024. My academic and personal projects have equipped me with a diverse skill set:

- **Project Management & UI/UX Design:** At a mobile-app startup, I organized project scope and timelines, facilitated stakeholder meetings, and built Figma wireframes and clickable prototypes. I ran feedback sessions, adjusted flows based on user input, and kept the team aligned on priorities.
- **Mobile App Development:** I am building Furcast, a React Native/TypeScript weather app for dog owners. It will predict ground temperatures (e.g., 77°F air → 125°F pavement), calculate safe outdoor times by breed, size, and age, and issues alerts for extreme conditions. I integrated geolocation and weather APIs and gathered user feedback to refine key features.
- **Web Development with Next.js & TypeScript:** I chose Next.js for my portfolio site to leverage server-side rendering, static-site generation, built-in routing, and type safety. This modern stack boosts performance, SEO, and maintainability. I created a CI/CD pipeline using AWS CodePipeline and CodeBuild so my Next.js/TypeScript portfolio site redeploys automatically on every push to the main branch—eliminating manual steps and ensuring the live site stays up to date.

I am eager to bring my dedication, technical skills, and collaborative spirit to a dynamic team that values innovation and growth. I would be grateful for the opportunity to discuss how my background aligns with your needs. Please feel free to contact me at 516-225-0496 or twalla13@asu.edu.

Thank you for considering my application.

Sincerely,
Toniann Wallace