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Hiring Manager
Cadence

Dear Hiring Manager,

I am excited to apply for the **Software Development Internship, SDA (Summer 2025)** at **Cadence**. As a **Master's student in Software Engineering at Arizona State University** with a strong foundation in **software development, system design, and performance optimization**, I am eager to contribute my technical expertise to your esteemed organization.

During my tenure as a **Software Developer at Western Union**, I developed and maintained critical components of the **POS retail application**, ensuring seamless functionality and optimal performance. I spearheaded the creation of a **Point of Sale Development Utility**, which improved developer efficiency by **70%**, and played a key role in migrating **WUPOS from Apache Tapestry to Angular 14**, leading to a **15% revenue increase and enhanced user experience**. My proficiency in **C++, JavaScript, and Python**, along with my expertise in **graphics rendering (2D/3D), cloud computing, and test-driven development**, aligns well with the role's technical requirements.

Beyond my professional experience, I have led and contributed to innovative projects, including an **Online Compiler Web IDE** supporting over **10+ programming languages** using **Docker, Kubernetes, and Redis**. I also developed a **hospital resource management system** using **Vue.js and Electron.js**, improving efficiency in real-time data visualization. These projects reflect my ability to solve complex challenges through scalable and high-performance software solutions.

Cadence's mission to innovate in EDA and software development strongly resonates with me. I am particularly excited about the opportunity to **learn Cadence's software development processes, prototype solutions, and integrate them into cutting-edge products**. My passion for **technology, problem-solving, and continuous learning** makes me a strong fit for this internship.

I would welcome the opportunity to discuss how my skills and experiences can contribute to **Cadence's continued success**. Thank you for your time and consideration.

Sincerely,
Ashutosh Kumbhar