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Red Ballon Security, Inc.

New York, NY

Dear Hiring Manager,

I am writing to express my strong interest in the Software Development Engineer Internship at Red Balloon Security, Inc. I am currently pursuing my master’s in computer science at the University of Wisconsin-Milwaukee, where I have developed a deep understanding of software design, engineering practices, and reverse engineering frameworks. With a solid foundation in object-oriented programming and a passion for cybersecurity, I am eager to contribute to your team and start as soon as possible for the fall semester.

Throughout my academic and professional experiences, I have gained expertise in programming languages such as Python, Java, and C#, which I believe will be highly valuable in the development and scaling of reverse engineering toolchains. My experience in working with backend applications, coupled with my ability to optimize performance over large sets of data, aligns well with the responsibilities of this role. Additionally, my work as a Teaching Assistant for the Introduction to Database Systems course and as an Instructor for the Software Engineering Lab has further refined my ability to communicate complex technical concepts effectively.

I am particularly excited about the opportunity to collaborate with your security research staff to design and implement the infrastructure for host-based defense software. My interest in reverse engineering, combined with my strong problem-solving skills and self-motivation, makes me confident in my ability to contribute meaningfully to your projects. Although my experience with ARM / MIPS / PPC assembly languages is limited, I am enthusiastic about learning and mastering these skills under the guidance of your expert team.

Red Balloon Security’s focus on cutting-edge technology and cybersecurity innovations is particularly appealing to me. I am eager to be part of a team that is at the forefront of developing advanced solutions to protect embedded devices. This opportunity would not only allow me to apply my skills but also enable me to grow and learn in a challenging and supportive environment.

I am excited about the prospect of joining Red Balloon Security and contributing to your mission of securing embedded systems. Thank you for considering my application. I look forward to the possibility of discussing how my background and skills align with the needs of your team.

Sincerely,

Akash Reddy Jammula