

Dear Recruiting Manager,

I am writing to apply for the Software Engineer Internship position. I am pursuing a master's degree in computer science at the University of Florida with an expected completion date of Fall 2021. I have three years of professional experience in Software engineering with expertise in the finance, security, and software service industry.

Before joining UF as a graduate student, I have worked as an intern at Quick Heal Technologies I worked on a UNIX firewall server and created a daemon service to maintain accurate network statistics. Soon after this, I worked as a Software developer for an advanced distributed Firewall product called Illumio. Throughout these jobs, my profile inculcated working on Kernel and socket libraries in C/C++ and shell scripting.

Another Project of Cloud Elements followed this wherein I imbibed the requisites of REST API and authentication techniques in Cloud Services, including OAuth, OAuth2, JWT, to name a few, using Java/Spring. Later, I adapted to a new tech-stack when I joined Genpact as a senior full-stack developer. I contributed to various compliance projects, executing with Java Spring Boot, HTML 5, JavaScript, React/Redux, and CSS. I have worked on deliveries for multiple clients spread across the globe.

Making the best use of my time amidst this global pandemic, I studied my interests and completed my Machine Learning Certification and Deep Learning Specialization from Coursera. After which, I have been working as a Graduate Research Assistant at the FICS research lab at my university, where we are researching Deep/Machine Learning Techniques to tackle the problem of Hardware Assurance.

I believe I am a robust and versatile developer who can quickly adapt to new technologies and possess strong algorithmic and problem-solving skills coupled with relevant experience, making me a suitable match for this position. I am excited to work with your company as a software engineering intern, and I am looking forward to hearing from you.

Best,

Rajat Rai

University of Florida

Masters Computer Science - Spring '20