

Ruikang (Leo) Guo

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Dear Hiring Manager,

I am excited to submit my application for the job listing. As a highly motivated and skilled developer with a strong academic background and professional experience in software development, I am confident that I possess the necessary skills and expertise to contribute to your team's success.

As highlighted in my resume, I have completed a Master's degree in Computer Science at Syracuse University, where I gained knowledge in object-oriented design and analysis, principles of operating systems, computer architecture, and more. Additionally, my undergraduate degree in Geography: Data Science with a minor in Informatics from the University of Washington has provided me with a comprehensive understanding of data structures and algorithms, database management, and advanced data science methods.

I possess a diverse range of skills in both frontend and backend technologies, including ES6 JavaScript, React, Redux, Thymeleaf, HTML, CSS/Less, Bootstrap, Ant Design, Kotlin, Retrofit, Coroutines, Glide, Java, Spring Boot, Node.js, Express.js, MongoDB, MySQL, Firebase, DigitalOcean, Git, Maven, Gradle, Heroku, Docker, Figma, Adobe CC Suite, Tableau, ArcGIS, and more. I am also proficient in several programming languages, such as C++, SQL, Python, R, and Haskell.

During my internship at Soca Networks, I worked as a Full-Stack Developer, where I collaborated with the startup team to build a social network website from scratch. My responsibilities included RESTful API creations and management in the backend, search engine optimizations, and using React, Redux, Ant Design, and other technologies in the frontend. The final product attracted an estimated \$250,000 in annual funding from venture capital offerings.

I am currently working at Day & Nite All Service as a full-stack software engineer. Even since joining the company, I have been leading many of the company's technological advancements. Notably, I designed and implemented an AI email agent capable of managing Outlook emails. It utilizes Azure AD to get notified through a webhook when new emails are received. It then uses Microsoft's Graph API to read the incoming emails and generate a response using the power of LLM and RAG. Using similar setups, I have also developed a ChatGPT-like chatbot experience for our internal staff. Both Chatbots are developed using LangChain agents and custom tools. Knowledge base is generated from company documents, vectorized using text-embeddings-ada2 and stored in Pinecone for fast RAG.

I have also worked on several projects, including Wavelength, a Full-Stack Android Application; Student Management System, a Full-Stack Web Development project; Exercise Tracker Website, a MERN Stack Web Development project, and BuddyBase, an Android Application. These projects demonstrate my proficiency in various technologies and my ability to design, implement and deliver successful software projects.

I am confident that my technical skills, academic background, and professional experience make me an excellent candidate for the role. Thank you for your consideration, and I look forward to discussing my application further.

Sincerely,

Ruikang Guo