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To Whom It May Concern:

I am excited to apply for the role of Software Engineer at GitHub. With a deep passion for open source and web standards, along with over three years of computer science experience, I am excited about the opportunity to contribute to the GitHub mission and help shape the future of software development.

I have a proven track record of writing, reviewing, and maintaining code and technical documentation. I have collaborated with various teams to implement a Lab Inventory Management System, restructuring lab setups, and developing user-friendly applications for batch log documentation. My technical skills, along with strong communication and interpersonal skills, will allow me to be a valuable team member on the npm team.

During my time at NanoString, my self-taught proficiency in computer science and self-driven initiatives paved the way for my transition into a Bioinformatics role. To further enhance my computer science skills, I embarked on a Master's program at Northeastern University. Here, I honed my skills in software design and development which proved instrumental in streamlining our bioinformatic pipeline.

In this bioinformatics role, I've closely collaborated with biostatisticians and software developers design RNA probes for three different platform. Across these diverse domains, I actively sought and embraced leadership opportunities. This included mentoring and training colleagues, facilitating cross-lab collaboration, and spearheading the scaling of process improvements.

Below is an analysis of a few requirements that match my background:

You Want:

- 3+ years of software engineering experience. 2+ years of experience with Git & GitHub
- Strong 3+ years of experience developing & debugging large scale projects, applications or developer tools. 3+ years of experience interfacing with RESTful APIs & OAuth Workflows.
- Strong communication/interpersonal skills both written & verbal. You will write, review & maintain code & technical documentation.

I Bring:

- A Master's in Computer Science, 2 years of experience using Git and GitHub.
- 4 years of experience developing large scale solutions for manufacturing and bioinformatics pipelines. Experience interfacing with government database APIs.
- Proficient in crafting scientific papers for publication and effectively conveying experimental findings on groundbreaking molecular research to collaborating labs and stakeholders.

I'm genuinely excited about the opportunity to contribute my skills, expertise, and commitment at GitHub. Thank you for considering my application, and I am excited to potentially join your team.

Sincerely,

Ivan Pedroza