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HIRING MANAGER
COCKROACHDB
101 FIFTH AVENUE, 4TH FLOOR,
NEW YORK, NY, UNITED STATES,
10003

Dear hiring manager,

As a developer, I have tried many database solutions for various apps. I enjoy the intuitiveness of traditional SQL, and I am very impressed with the incredible scalability of NoSQL. I always thought that I could only pick one of the two, until I saw a poster of CockroachDB on the bulletin.

"An SQL database that can scale like NoSQL, that is incredible!" The curiosity in me ignited, so I downloaded and played around with a local CockroachDB cluster. I was fascinated by such a well-engineered product, and I couldn't wait to spend my summer 2018 at Cockroach Labs.

During my previous co-op, I developed an SPA that allows employees to search and view documents on their browser. I have gained a lot of experience solving an interesting problem, which is "how to retrieve a file stored in Azure Blob Storage by any metadata stored in a separate Microsoft SQL Server database?". I also understand how painful it is to replicate a data collection system, which aggregates and re-distributes data among 300 machines, to a backup server as I assisted system engineers and administrators during my first internship at fundserv.

In addition, I am extremely proactive, especially when it comes to saving money. At my previous co-op placement, we need to show code coverage report. However, Visual Studio Enterprise's licenses are for full-time employees only. Instead of relying on colleague's workstation, I built a custom code coverage report tool that allows you to search and run tests for specific files, leveraging an open-sourced project called OpenCover. This tool runs faster than the built-in code coverage checker in Visual Studio, and my colleagues absolute love it.

I hope that it will further your insight as to why I should be considered for the Backend Engineering Intern – Summer 2018 position. I look forward to speaking to you in person, and I truly appreciate your time and effort.

Sincerely,

Phat D. Tran