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Hi MongoDB,

My name is Samuel McKay. I'm currently a junior majoring in computer science at Stony Brook University. I would love to be a part of one of your engineering teams or work on a project with you as an intern in Summer 2016.

I began programming during my sophomore year of high school where we were required to take a programming course. We used the languages Scheme and NetLogo. I was instantly fascinated with the course and went on to take AP Computer Science my senior year. What I love about computer science is that it feels like a bridge between logical thinking and creativity, something I have not found anywhere else.

Since then I have spent a lot of time working with Java in my two and a half years as a computer science major. I also have spent a semester working with the assembly language MIPS. Using JavaFX I created an app designed to run alongside fantasy baseball. It takes data entered through XML files and displays graphs and charts to assist the user in drafting players for their team. In MIPS I created a program that reads in map files and interprets them as a graphical interface where the player controls a lawn mower that avoids obstacles.

In Spring 2015 I went to HackNY and with the help of my team we created an app called Liftr. The intention for the app was to link gym-goers with like-minded workout partners. It was my and my teammates' first time using the Swift framework, but

we were still able to put together an app we were all proud of in the 24 hours we were there.

I would love to work with MongoDB to learn what it is like working with an actual software development team where my work actually matters. It would be amazing to spend my summer with people who share similar passions to myself and have the opportunity to work on software where you really feel like your work matters. Looking forward to hearing back from you.

Sincerely,
Samuel McKay