

About



My Name is Samyukta Mudugal

I have spent 5+ years in the embedded world writing code in C, C++, Python and Assembly quickly learning numerous storage protocols along the way. Working in the Storage Industry, I had to engineer firmware to interface with many different hardware components. I learnt a lot while writing code for a high performant, memory constrained system towards an innovative technology.

At this point in my career I am ready to jump in and try something new. Whether its a new technology or a new programming language, I am eager to broaden my skill set. I pride myself to be a fast learner and an enthusiastic personality.

Experience

SanDisk, a WD Brand

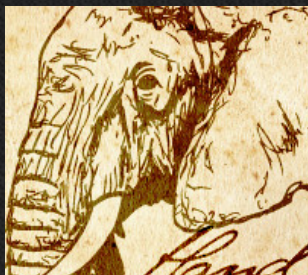
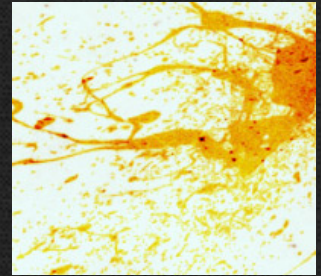
At Sandisk, I worked on various Enterprise level SSDs. I worked with a team of highly skilled engineers on a NVMe SSD from chip bring up to production quality SSD. This meant checking out hardware, implementing firmware for various hardware modules, implementing various features in C and writing test cases in a Python unit test framework. Its a pleasure to witness a product grow and become production ready!

LSI Corporation

As a new college grad, I learnt a lot at LSI. I worked on firmware for SAS HBAs, implemented RAID storage schemes and worked on improving the throughput of the HBA. I also had an opportunity to directly interact with customers on issues and this provided immense insight on how the industry works. This truly was an excellent place to start my career.

Covidien Medical Devices

My summer internship at Covidien was extremely valuable to me. I worked on various small embedded projects at Covidien. I was given the freedom to take an idea and implement it. Meanwhile, I learnt how to write production quality code and deliver things on time.



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