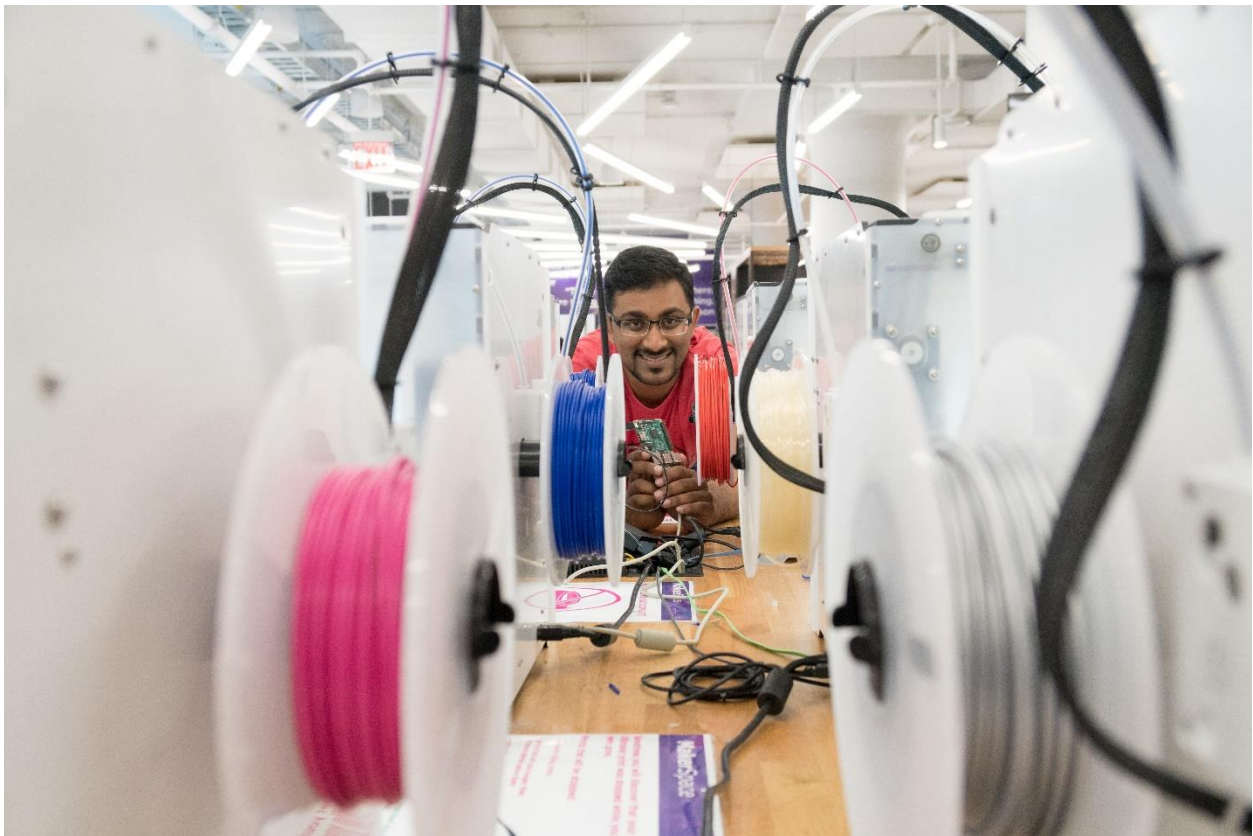**Form Labs | Cover Letter | Akash Kumar**

I have the fortune of currently working in NYU's brand-new Makerspace (see picture). I've been here since day one and this past summer I small group on entrepreneurs came to us and asked us about where the 3D printing industry was going. They asked about reliability, about print quality, and about printers becoming 'plug and play.' Over and over one machine kept coming back up; the Form 2. Although I have never been able to get my hands on one, SLA printers are awesome and I want to help create the next generation of them. Last week I attended a workshop, sponsored by Formlabs, and finally got to chat with one of your employees (Hi Nyerie!). I'm hooked. I work with 3D printers every day and Formlabs is creating some of the best in the consumer space. From seeing the Form Cell on Tested to reprogramming the firmware on Arduino controlled Ultimaker 2s, I live and breathe 3D printers (*cough* save me from the ABS fumes *cough*). I have always loved working at the intersection of hardware, software, and design, and now it's time to make it my full-time job! I've been tearing apart electronics since before I could type and have been scripting my way into trouble since middle school. I would absolutely love to join the Formlabs team, I think we could create some cool stuff together.

My most complex project was to create a solar powered lantern for use in Africa, contracted by the UN. It had to be mass produced, cost under $5, and be super durable. It also had to designed and engineered

entirely by my roommate and me. It seems simple but this project really taught be how complicated it can be to find resources and see a product though from start to finish. Working with Li-Po batteries and heat dissipation, as well as working inside of badly communicated deadlines made this project so incredibly complex. What I learned from that project, and more importantly the people I met trying to make it work, have taught me so much.