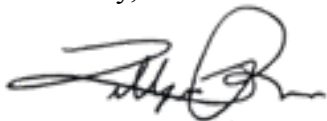3M

October 1, 2015

Dear Hiring Manager,

I am excited to apply to the 2016 Health Information System Software Engineer Internship at 3M Health Care. I am a sophomore at Cornell University, majoring in Computer Science and minoring in Electrical and Computer Engineering. I believe my ambition strongly aligns with 3M's values, which emphasize clear leadership and multi-disciplinary collaboration to drive innovation, and I am confident I can excel in the dynamic environment at 3M.

As a project team member of Cornell's Engineering World Health, I continuously collaborated with business, engineering, and biology students in order to develop a comprehensive solution to an identified health problem. While developing our low-cost vitals signs monitor, we added SMS messaging capabilities–using Raspberry Pi and Twilio (a third party resource)– to send alerts to nurses if their associated patients went into critical conditions. The feature was built to specifically address our target consumer's concern of the lack of patient and nurse organization in mobile health clinics. To further optimize organization, we built a web application using Django that allowed nurses to view and change the status of any patient in the network database. I am focused on continuing to find ways to fulfill the needs of users by delving into unique technical solutions.

Additionally, 3M upholds a lasting commitment to the surrounding community. As the president of the non-profit Youth United Way, I led a team of 15 students in fundraising and events and raised over $5K to invest 100% back into the community. Specifically, to address the growing need of youth mental support in our local community, I interviewed and fulfilled a grant to pilot a grassroots program to educated the community in identifying at-risk mental health youth. I aim to continue to find ways to progress my local and wider community through technical and personal initiative.

I'm eager to help keep 3M one the most technologically enabled businesses, specifically in the health care industry. 3M's driven environment would foster ample opportunity for me to progress 3M's digital services to further touch and improve lives. I would welcome any opportunity to discuss the internship at your convenience. Thank you for your consideration.

Sincerely,

Lillyan Pan

(651) 354 -5074 | ldp54@cornell.edu | 6166 Cascadilla Hall, Ithaca, NY 14853