**Megan Lynch** 3551 Southwood Drive Easton, PA 18045 484-241-8719 mtl314@lehigh.edu

**Profile**

Cell and Tissue Bio Engineering student at Lehigh University seeking an opportunity in the engineering field; desire to make a meaningful contribution to the organization and enhance current engineering skills and knowledge in a challenging position.

**Education**

B.s. Biomedical engineer | Lehigh University | december 2014

* Major GPA: 3.23
* Extensive knowledge in: bioinformatics, biomechanics, cell culture, structural biology, Python, Excel
* Member of : Society of Women Engineers, Biomedical Engineering Society, Pi Beta Phi Fraternity for Women, Habitat for Humanity, Snowboard Club
* Awards received: Donald and Dorothy Stabler Scholarships 2011-2014

High school | easton area high school | jUNE 2010

* Honors student
* Leadership positions and activities: band treasurer, flute section leader, Pennsylvania Association of Student Councils, mission trip to the Dominican Republic, soccer, orchestra

**Related Experience**

Undergraduate research assistant |Bioinformatics lab lehigh university | febuary 2013- present

Research conducted with Dr. Brian Chen of Lehigh University. Analysis of the HIV protein reverse transcriptase, the drugs that inhibit this protein, and the mutations that cause drug resistance. The goal of this research is to enhance current medical treatment of HIV through reverse transcriptase inhibitors. In conducting bioinformatics research, I have gained valuable experience in both computer programming and structural biology.

Product designer | b braun medical | BETHLEHEM, PA | january 2103 – january 2014

Team member of six engineering students who designed an Intravenous Fluid Warming Device for hospital use. Personally created an accurate and consistent temperature read-out from an Arduino in order to maintain temperature of the fluid outflow. Comprehensive product design includes a working prototype and a marketing and financial plan.

**Work Experience**

Flute Instructor | private lessons | EASTON, PA | may 2012- august 2013

Initiated program to provide private flute lessons to elementary school students who wished to improve their skills during summer months and winter breaks. Includes developing lesson plans, teaching students, and monitoring their progress.

waitress | diner 248 | EASTON, PA | september 2009- july 2012

Delivered exemplary customer service in a fast paced environment. Ensured customers had a pleasant dining experience; also acted as hostess and cashier as needed.