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| **Devan Bicher** | School address: 431 Webster St, Bethlehem, pa 18015Home address: 9 Maple Ln, Myerstown, pa 17067717-644-1617 dlb213@lehigh.edu |

**OBJECTIVE**

To obtain a full time job in a bioengineering focused computer science related position where I can use my skills and passion for the field t­­­­­­o not only improve the company but the lives of the people it serves as well.

**EDUCATION**

Lehigh University, Bethlehem, Pa

Undergraduate Degree: Pharmaceutical Bioengineering Major, Computer Science minor May 2013

Computer Science Master’s Student May 2015

Related courses: basic & organic chemistry, physics, calculus, bioengineering: basics, physiology, & biotechnology, metabolic engineering, chemical engineering, thermodynamics, biology, genetics, & computer science: data structures, programming basics, programming languages, & bioinformatics, software programming, computation theory, advanced algorithms.

**SKILLS**

Computer: C++, Java, Python, Photoshop, HTML, CSS, Drupal, Word, Excel, PowerPoint

Experimental Equipment: Sonicators, gel chromatography, gel filtration, batch fermentors, titration, & plating

FDA regulations: Completed 2 certified online FDA courses in medical devices & general FDA regulations

**RELATED EXPERIENCE**

**Lehigh University HIV Mutant Protease Research May 2012 - Present**

Currently working with Dr. Brian Chen to structurally study HIV wild-type & mutant protease.

Goal: develop a software system that links viral mutations with drug resistance

**Sept 2009 – Dec 2012**

**TriMed Medical Supplies**

Completely designed & customized a computerized inventory tracking program from a paper tracking system; which, after implementation, resulted in a savings of hundreds of man hours annually.

**Sept 2009 – Dec 2012**

**Laboratory experience Lehigh University**

Gained valuable experience in lab settings like physics, basic & organic chemistry, biology, genetics & biotechnology where I gainded the experimental skills listed above

Learned & experienced the scientific process; & how to create an appropriate, professional lab report

Tested & observed effects of mutated BRCA1 genes in yeast related to cancerous cellular attributes

**Lehigh University research projects**

 Worked on several projects in bioengineering classes that focused on modern research

 Worked on a project to develop a hypothetical drug delivery molecule to treat brain cancer

 Researched design & refinement methods for isolating a particular pharmaceutical in the body

**Leadership**

 **Campus Involvement Chair**, Pi Kappa Alpha Fraternity

**Treasurer**, Lehigh University Rugby Club

 **Captain**, High school indoor & outdoor track teams

**President**, Television production club: communications, video production & public speaking skills

**Work Experience**

Summer/Winter 11-13

Trimed Medical Supplies, computer work, setup & maintained respiratory equip

Sept 09 - Present

Lehigh University IMRC, create video & web content for campus organizations

Summer/Winter 10,11

Redner’s Quick Shoppe, cashier & store attendant

Summer 07, 08, & 09

Odyssey Tops, Counter top quality control