

OCKCHUL KIM

[kimockchul@gmail.com](mailto:kimockchul@gmail.com) | [www.kimo333.com](http://www.kimo333.com)

A recent Korean-American bachelor of science graduate from UNC looking for experience in biomedical engineering industry. Enjoys exploring and learning new concepts and skills. Works well with a group that is willing to go beyond the call of duty. Well-exposed to various cultures and peoples, and often acts as a bond that holds a project group together.

#### OBJECTIVE

To explore and gain experience in the biomedical engineering industry.

#### EDUCATION

Bachelor of Science

Expected May 2013

*University of North Carolina at Chapel Hill*

- Major: Applied Science – Biomedical Engineering track
- Minor: Computer Science
- Minor: Physics

#### SKILLS & ABILITIES

##### Programming

- C/C++
- Java
- HTML
- PHP
- Javascript
- MySQL

##### Manufacturing

- Microcontroller
- Analog Circuitry: filters and amplifiers
- Digital Circuitry: Logic gates, MUX, Counter IC
- FDM operation (3D printer)
- Laser cutter operation
- MIG welding
- Lathe operation

##### Software

- Solidworks
- LabView
- MS Office
- Matlab
- Blender
- LaTeX

##### Proof of Concept Projects

- Peristaltic Pump Design and Prototyping
- Robartics – EOG controlled robot arm
- Hotwheels – Motion detection positive-feedback Android application
- Opto-feedback Motor Speed Controller
- Build a Band – Web Application