OCKCHUL KIM

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A recent 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   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

Software

- Solidworks
- LabView
- MS Office
- Multisim
- Blender
- LaTex
- Github
- Proteus 8

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