

Ajaydeep Singh
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OBJECTIVE

Seeking a position in order to gain experience in the field of engineering, to develop problem solving skills, and to further improve teamwork skills.

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY, College of Engineering
Bachelor of Biomedical Engineering

Atlanta, Georgia
August 2013-Present

GPA: 3.65

- Dean's List
- Courses Taken: Statics, Calculus, Physics, Differential Equations, Organic Chemistry, Material Science

Concordia International School Shanghai

Shanghai, China
May 2013

GPA: 3.8

- National Honor Society Treasurer
- Advanced Placement Scholar

WORK EXPERIENCE

Vanderbilt Center for Bone Biology Biomechanics Lab

Nashville, Tennessee
Summer 2014

Research Assistant

- Explored the relationship between diabetes and bone strength
- Used μ CT scanning to determine bone properties
- Used Raman Micro-Spectroscopy to determine the chemical composition of bones whose collagen content was altered

Laboratory for Neuroengineering

Atlanta, Georgia
Spring 2014 - Present

Research Assistant

- Input data from research papers to compile a database to find correlations.
- Input accuracy of 99%

ProMed Cancer Center

Shanghai, China
Summer 2013

Intern

- Prepared patients for computed tomography (CT) scans.
- Translated for doctors as they saw patients
- Shadowed doctors as they saw patients and discussed case reports

Yunnan Educational Project

MiJiaZhuang, China
September 2012 - April 2013

Project Coordinator

- Led classes for villagers and students promoting good hygiene practices
- Supported village health advocates as they taught villagers

SKILLS/INTERESTS

Skills: Raman Micro-Spectroscopy, MATLAB, Microsoft Office, Fluent Mandarin,

Organizations: Engineering World Health (Member); Biomedical Engineering Society (Member), Student Hospital Connections (Member)