

Sample BME Resume

1122 S. McClintock Ave., Los Angeles, CA 90089 - (213) 740-9677 – bme@usc.edu

Objective: Full-time position at a medical device company where I can apply my Biomedical Engineering background to further X Company goals.

EDUCATION

University of Southern California: Los Angeles, CA

M.S. Candidate, Biomedical Engineering, Medical Devices and Business

Expected May 2018

B.S. Biomedical Engineering, Cumulative GPA= 3.25

May 2017

WORK EXPERIENCE

GE Healthcare

Image Quality Intern, Salt Lake City, UT

Summer 2017

- Programmed an automated Digital Subtraction Angiography image quality procedure with MATLAB
- Learned to implement Image Processing procedures with DICOM files in Image J and MATLAB
- Collaborated with lab technicians, Electrical, Mechanical, and Biomedical Engineers to present finalized code to GE Healthcare Senior Management

National Institute of Diabetes and Digestive and Kidney Diseases: STEP-UP Research Program

Dr. Fan Yang, Ph.D., Stem Cell and Biomaterials Lab, Stanford School of Medicine

Summer 2015

- Proved adipose stem cells have the potential to migrate towards brain cancer cells with Transwell Migration Assay
- Presented research to 100 peers at STEP-UP Symposium in Atlanta, Georgia

TEAM PROJECTS

Senior Design Project

Aug 2016- May 2017

Watch Alert System (Team of Five)

- Performed Signal Acquisition of an EKG sensor with LabVIEW to detect heart arrhythmias and heart attacks
- Synced an Android phone with wireless Bluetooth transmission to obtain GPS coordinates

Development and Regulation of Medical Products

Aug 2016- Dec 2016

Improvements to the Urine Bag (Team of Nine)

- Conceptualized improvements to current urine bag by using optical fluorescent sensing to monitor solutes
- Conducted market assessments and reimbursement analysis for a hospital clinical settings

BMEStart: Design Competition

Chest Drain, Captain of the FDA Analysis Team, (Team of Eight)

Aug 2015- May 2016

- Completed competitive analysis case studies to research difference between Class I-III Devices
- Developed field research by talking to physicians, nurses, and perfusionists at CHLA and USC Keck

LEADERSHIP

National Society of Black Engineers (NSBE), Treasurer

2015-2017

- Executed transportation/hotel accommodations for 30 people to attend the NSBE Region 6 Conference

Associated Students of Biomedical Engineers (ASBME), Corporate Affairs Chair

2016-2017

- Contacted 50 Corporate representatives/25 USC professors and raised \$6,000 for Corporate Dinner

SKILLS

Computer Proficient in: Microsoft Office, MATLAB, LabVIEW, SolidWorks

EXTRACURRICULAR:

USC Women's Track Team [Hammer Throw]

2013-2016

Women's Club Soccer

Spring 2017