Samee Aboubakare

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LOCAL ADDRESS
1316 Geddes Ave. #17
Ann Arbor, MI 48104

PERMANENT ADDRESS
9052 Lemongrass Ct.
Fountain Valley, CA 92708

OBJECTIVE Seeking an internship in Chemical Engineering. Available May-August 2016

EDUCATION **University of Michigan**   **Ann Arbor, MI**

University of Michigan College of Engineering
- BSE in Chemical Engineering, May 2018
- GPA 3.5/4.0

EXPERIENCE
Fall 2015 **University of Michigan Dept. Of Chemistry**   **Ann Arbor, MI**

Research Assistant, Prof. Maldonado Laboratory
- Support the research team in the production of semiconductors at room temperature by using germanium instead of silicon
- Assist in the fabrication of SiC membrane to help create a Ga thin film electrode
- Prepare SiC membranes to be experimented on in order to research electrical conductivity of germanium semiconductors

Summer 2015 **Good Samaritan Medical and Dental Ministry**   **Cao Bang, VN**

Patient Logistics Coordinator
- Directed flow of 300 patients a day to increase treatment efficiency and ensured each patient was seen by a doctor in a timely manner
- Assigned work locations to each team in order to optimize patient flow between treatments
- Ensured all inventory was accounted for and transported to the work site in an orderly manner

PROJECTS
Fall 2014 **PolarBox Prototype**   **Ann Arbor, MI**

Design Lead, Introduction to Engineering course

- Collaborated with team members to design a prototype of an affordable alternative to conventional fans
- Created a blueprint of the design using SolidWorks in order to communicate the design to the team
- Built a functional prototype matching the blueprints, resulting a 5° C drop in an 8' x 11' room

RELEVANT COURSES
- Material and Energy Balances, Intro to Materials and Manufacturing, Organic Chemistry I & II, Introduction to Computers and Programming, Design in the Real World

ACTIVITIES
- AIChE member
- Peer mentor at HMCC
- Intramural sports 2015-2016– Flag football, broomball, soccer (finalist), ultimate Frisbee, volleyball (champion)

ADDITIONAL
- Knowledge of Microsoft Office, Microsoft Visio, Microsoft Project, SolidWorks, MATLAB, C++
- Conversant in Spanish
- Enjoy scuba diving, playing tennis, playing guitar, and going on mission trips