FREDERICK **COLEMAN**

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EDUCATION:

Lehigh University, College of Business and Economics　　　　**August 2013 – May 2018**
Bachelor of Science in Business and Economics
　　Major Concentration in Business Information Systems.
　　Minor Concentration in Engineering

PROFESSIONAL EXPERIENCE:

IT Field Engineer l St. Luke's University Health Network　　　　**January 2018 – Present**
Diagnose and solve issues with hospital computers and systems.
Execute installation processes of new and advanced technologies.
Run tests on decommissioned systems and repurpose for other hospital needs.
Provide technical support and insight for over 200 sites and offices in the hospital network.

Diversity Recruitment Intern l Lehigh University, Admissions　　　**September 2014 – May 2017**
Contributed to admit a diverse intake of students, increasing diversity on campus from 21.5% to 25%.
Created effective promotion material using graphic design tools for Admissions programs.
Provided effective training and mentorship for junior members of the diversity recruitment team to better equip them to increase yield of student applicants annually.

Information Security Intern l Lehigh University, LTS　　　　**June 2016 – August 2016**
Reported directly to the Chief Information Security Officer of the university.
Performed security audits on systems across campus using in-house software.
Created reports and consulted with management for best course of action to threats to the network.

Summer Research Intern l Lehigh University, CSE　　　　**June 2014 – August 2014**
SmartSpaces National Science Foundation (NSF-REU) Project, building a "smart" home environment.
Developed communication between a central server and end-user devices over RF transmission.
Gained proficiency programming in C# for Arduino microcontrollers, Java, Node.js, and Python.

INTERNATIONAL & RESEARCH EXPERIENCE:

UN Youth Representative l African Citizens Dev. Fdn.　　　**October 2016 – September 2017**
Redesigned the organisation's website and implemented a WordPress environment.
Advocated for the Foundation at the United Nations, furthering its strategic goals and exposure.
Participated in constructive dialogue with UN officials and reps. from various NGOs at the UN.

Undergraduate Researcher l Univ. of Ghana & Univ. of Nairobi　　**October 2014 – August 2017**
Researched the capabilities and potential of telecommunication services on the continent of Africa.
Compiled penetration and exposure to digital tech devices and services through interviews & surveys.
Compared/contrasted risk solutions for African IT professionals with their Western counterparts

Int'l Finance Chair l National Society of Black Engineers　　　**July 2016 – April 2017**
Secured resources for international chapters and increased membership growth in Ghana.
Prepared budget for expenditures for national programs, academic development, and travel subsidies

TECHNICAL SKILLS:
- Java, Python, R, Ruby, SQL, HTML
- Microsoft Office Suite, Matlab, Netbeans IDE, SAP ERP, SPSS, R Studio, Xcode, GitHub
- Adobe Photoshop, Sketch

AWARDS & ACCOLADES:
- Class President, Class of 2017
- Dale S. Strohl Research Grant ($5,000)
- Admissions Office Research Grant ($3000)
- Ronald J. Ulrich Research Grant (2x) ($6,000)
- William R. Scott Award Recipient ($500)