

# FREDERICK COLEMAN

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## EDUCATION

### Lehigh University – P.C. Rossin College of Engineering and Applied Science

Master of Engineering in Technical Entrepreneurship | Graduate Student Senate

Anticipated May 2019

Bethlehem, PA

### Lehigh University – College of Business and Economics

Bachelor of Science in Business and Economics | President of the Class of 2017

December 2017

Bethlehem, PA

- Major concentration in Business Information Systems
- Minor concentration in Engineering and Africana Studies

## WORK EXPERIENCE

### Lehigh University – Office of Admissions

Graduate Fellow

July 2018 – Present

Bethlehem, PA

- Coordinate and execute VIEW program for prospective students, their families, and faculty & staff.
- Conduct a significant number of informational session for admissions, on-campus tours, and interviews.
- Assist with additional programming such as open houses and student on-boarding programs.

### St. Luke's University Health Network – Information Technology

Information Technology Consultant

January 2018 – June 2018

Allentown, PA

- Diagnosed and solved over 300 issues per month with hospital systems and computing networks monthly.
- Provided technical support and insight at over 200 sites and offices in the hospital network.
- Connected 150+ approved personnel onto the corporate computing network.
- Facilitated deployment of new and advanced computing technologies.

### Lehigh University – Office of Admissions

Diversity Recruitment Intern

September 2014 – May 2017

Bethlehem, PA

- Contributed to admission of students from diverse backgrounds, increasing diversity on campus by 20%.
- Created effective promotional material for admissions programs using emerging graphical tools.
- Provided effective training and mentorship for junior members of the diversity recruitment team that resulted in the increase of students which matriculate into Lehigh University.

### Lehigh University – Library Technology Services

Information Security Intern

June 2016 – August 2016

Bethlehem, PA

- Reported directly to the Chief Information Security Officer of the university.
- Performed security audits on systems campus-wide using device management software.
- Strategize with management for best practices to ward off threats to the network.

## INTERNATIONAL & RESEARCH EXPERIENCE

### University of Ghana & University of Nairobi

Undergraduate Researcher

October 2014 – August 2017

Accra, Ghana & Nairobi, Kenya

- Conducted research studies on the capabilities and potential of telecommunication services in Ghana and Kenya.
- Compiled penetration and exposure to digital technology through interviews and surveys in Ghana and Kenya.
- Compared & contrasted risk management strategies for African IT professionals with their Western counterparts.

### Lehigh University – Department of Computer Science & Engineering

Summer Research Intern

June 2014 – August 2014

Bethlehem, PA

- SmartSpaces National Science Foundation (NSF-REU) project was geared towards building a “smart” home environment
- Developed a method of communication between a central server and end-user devices over RF transmission.
- Gained proficiency programming in C# on Arduino microcontrollers, Java, Node.js, and Python

## TECHNICAL SKILLS

**Computer:** C#, CSS, HTML5, Java, Python, R, SQL

**Software:** Microsoft Office Suite, MATLAB, Salesforce, SAP, SPSS, QuickBooks, Adobe Photoshop

**Other Skills:** Leadership, public speaking, grant writing, project management and budgeting, intellectual property management, entrepreneurial start-up processing

## AWARDS & ACCOLADES

Council for an Equitable Community Grant

Dale S. Strohl '58 Summer Research Grant

Lehigh Office of Admissions Research Grant

Norman J. Merksamer '52 Research Grant

Ronald J. Ulrich '67 Research Grant (2x)

Prof. William R. Scott Award Recipient