I'ran Khalil James
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Objective: To apply for biomedical research opportunities to enhance my knowledge and skills in computational biomedical sciences.

Education

Elizabeth City State University, Elizabeth City, NC
B.S. Computer Science
GPA: 3.45
Expected Graduation May 2018

Riverside High School, Williamston, NC
HS Diploma
June 2014

Professional Development

- **Golden Leaf Foundation Internship**
  June 2015 – May 2017
  - Assisting the ECSU Technology Department in various tasks such as setting up of a new laboratory, lab maintenance, and mentor for different programs in STEM disciplines.
- **NASA Langley Research Center Summer Internship**
  June 2016 - August 2016
  - A web developer assisting in the Atmospheric Science Data Center Product Availability Web Tool. Python, UNIX, and other programming languages were used to design this webpage.
- **Viking Enhancing Science Technology Engineering and Math(VESTEM) Bioinformatics Summer Research Program**
  June 2015 – August 2015
  - Learned programming languages such as C++ and Python. Introduced to the basic procedures and methods in bioinformatics while creating a program to translate genetic DNA code.

Research Experience

- **Summer Undergraduate Research Program at Princeton University**
  June 2017 – August 2017
  - A Data/Computer Scientist that researched in genomics that assisted in the lab of Dr. Peter Andolfatto at Princeton University
- **E-MARC Research for National Institutes of Health(NIH)**
  August 2016 - Present
  - Researching Machine Learning Algorithms, Artificial Intelligence, and Data Mining Methods to use algorithms with computational physiology to learn more about the cardiovascular activities and how it affects the heart.
- **Institutes for African American Mentoring in Computing Sciences(IAAMCS)**
  January 2015 – May 2015
  - Researched networking concepts and Cloud Computing.

Conferences

- **Golden Leaf Leadership Conference**
  January 2015 - Present

- Attended conference as a Golden Leaf Scholar involving workshops and presentations to help develop rural communities in North Carolina.
- **ECSU's Annual Research Week**
  February 2017
  - Presented a poster on Atmospheric Science Data Center Product Availability Web Tool for NASA Internship.
- **Annual Biomedical Research Conference for Minority Students(ABRCMS)**
  November 2016
  - Presented a poster on Atmospheric Science Data Center Product Availability Web Tool for NASA Internship.

Programming Languages

C++, Python, HTML, Java, WEKA, Ruby, SQL, C, R

Professional Skills

- **Operating Systems:** Windows, MacOS
- **Hardware:** most PC platforms, Apple
- **Software :** Microsoft Office (Word, Excel, PowerPoint, Database, and Publisher), RAPTOR Flowchart Interpreter, GIT, CSS, NetBeans, Eclipse, Microsoft Visual Studio, Spyder, Anaconda
- Certified in Microsoft Database and Publisher

Achievements/Scholarships

- Presidential Award (Outstanding GPA) National Society of Leadership and Success.
- Golden Leaf Scholar
- Dean's List and Honor Roll
- Golden Leaf Scholarship
- U-MARC Fellowship
- UNC Campus Scholarship
- Invited to IBM Hackathon
- VESTEM Scholarship
- ECSU Football Scholarship
- EZ Wireless (US Cellular) Top Salesman of the Month
- Grant Recipient for Community Change Project from the Golden Leaf Foundation

Extracurricular Activities

- Varsity Football Athlete(2014- 2017)
- Pi-Byte Club member (Math & Computer Science Club) (2016-Present)
- Journal Club (2016-Present)
- National Society of Leadership and Success Member (2015-Present)
- Army ROTC(2015-2016)