

# Thomas Hilton Johnson III

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## OBJECTIVE

To gain the experience and skills needed in my undergraduate program to serve as a foundation for my graduate studies in the field of computer science.

## EDUCATION

Elizabeth City State University  
2016-Present  
Expected Graduation Date: May 2020  
Major: Computer Science, Mathematics  
Current GPA: 3.942

## SKILLS

Java	Bootstrap	Adobe Dreamweaver
Python	PHP	Digital Cameras
Bash	JavaScript	Microsoft Office
C++	Mac OS	AngularJS
C	Windows	Fortran
HTML	Linux	
CSS	Adobe Photoshop	

## CONFERENCES (Presented\*)

Association of Computer and Information Science/Engineering Departments at Minority Institutions: Symposium on Computing at Minority Institutions* Virginia Beach, Virginia	March 24th, 2017
National Technical Association Conference* Baltimore, Maryland	September 21 <sup>st</sup> , 2017
Science Gateways Community Institute 2017 Conference Ann Arbor, Michigan	October 22 <sup>nd</sup> , 2017
National Association of African American Honors Programs Atlanta, Georgia	November 9 <sup>th</sup> , 2017
Association of Computer and Information Science/Engineering	April 5 <sup>th</sup> , 2018

Departments at Minority Institutions: Symposium on Computing  
at Minority Institutions\*  
New Orleans, Louisiana

Science Gateways Community Institute 2018 Conference  
Austin, Texas  
September 22<sup>nd</sup>, 2018

Supercomputing Conference 2018  
Dallas, Texas  
Fall 2018

Association of Computer and Information Science/Engineering  
Departments at Minority Institutions: Symposium on Computing  
at Minority Institutions\*  
Memphis, Tennessee  
April 12<sup>th</sup>-13<sup>th</sup>, 2019

Rocky Mountain Advanced Computing Consortium 2019\*  
(Poster presentation winner)  
Boulder, Colorado  
May 21<sup>st</sup>-23<sup>rd</sup> 2019

### **Hackathons**

Computing4Change  
Dallas, Texas  
November 12<sup>th</sup>-14<sup>th</sup>, 2018

### **Trainings/Workshops**

5-Day Science Gateways Training Workshop  
Elizabeth City, North Carolina  
January 2<sup>nd</sup>, 2018

Leadership Training by Solutions Consulting Group  
May 30<sup>th</sup>, 2019

Diversity and Inclusion Training and Experience  
June 6<sup>th</sup>, 2019

How to Give a Strong Scientific Talk by Bryan  
Guarente and Valerie Sloan  
June 13<sup>th</sup>, 2019

How to Write a Proposal  
June 20<sup>th</sup>, 2019

Making a Scientific poster: a Workshop  
July 11<sup>th</sup>, 2019

### **Research/Internships**

A Comparative Study of Neural Networks and Logistic Regression for High  
Energy Physics  
Elizabeth City State University  
Elizabeth City, North Carolina  
Mentor: Jerome Mitchell  
Spring 2016

Why the Rate of Active Wikipedia Users Has Been Rapidly Decreasing  
Indiana University  
Bloomington, Indiana  
Mentors: Dr. Apu Kapadia, Pat Shaffer

Summer 2017

Using TensorFlow to Detect Objects in an Image  
Elizabeth City State University  
Elizabeth City, North Carolina  
Mentor: Jerome Mitchell

Spring 2018

Science Gateways Community Institute Internship  
Texas Advanced Computing Center  
Austin, Texas  
Mentors: Dr. Ritu Arora

Summer 2018

SIParCS Internship Program at NCAR  
Colorado, Boulder  
Mentor: Brian Vanderwende

Summer 2019

### **SCHOLARSHIPS/AWARDS**

Center for Excellence in Remote Sensing Education  
and Research Scholarship

August 15th, 2016

Honors Student at Elizabeth City State University

August 15th, 2016

Chancellor's List

January 11th, 2017

University Honors Program for Outstanding Leadership Award

April 19<sup>th</sup>, 2018

Certificate of Appreciation: Earth Day Volunteer Services, Port Discover

April 21<sup>st</sup>, 2018

Certificate of Recognition Quizbowl 2017-2018

April 19<sup>th</sup>, 2018

Certificate of Merit: Elizabeth City State University Honors Program

April 25<sup>th</sup>, 2019

CERSER "Umfort Locus" Award

April 19<sup>th</sup>, 2018

Junior Honors Marshal

May 12<sup>th</sup>, 2018

TMCF MillerCoors Scholarship

August 8<sup>th</sup>, 2019

### **EXTRACURRICULAR ACTIVITIES**

Senator for the Freshman Class of Elizabeth City  
State University's Student Government Association

September 1st, 2016

Member of Elizabeth City State University's Pi-Byte Club

September 8th, 2016

President of Elizabeth City State University's Pi-Byte Club      March 7<sup>th</sup>, 2018 – May 12<sup>th</sup>, 2019

Member of the Elizabeth City State University  
Honda All Star Challenge Quiz Bowl Team      October 24<sup>th</sup>, 2016

Volunteer for Celebration of Women in Math      Fall 2018

Port Discover Volunteer      September 2017- November 2017

Port Discover Project Volunteer      Spring 2018

Volunteer for ECSU Math Contest      March 27<sup>th</sup>, 2018

Volunteer for Celebration of Women in Math      October 20<sup>th</sup>, 2018

Vice President of Elizabeth City State University IEEE Chapter      August 23<sup>rd</sup>, 2018

**PROFESSIONAL MEMBERSHIPS**

IEEE-Geoscience and Remote Sensing Society (GRSS)      August 25<sup>th</sup>, 2016