

Dwayne Christian Brown, Jr. ("Chris")

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Education

North Carolina State University Raleigh, NC

Ph.D. in Computer Science

expected 2020

M.S. in Computer Science

2015-2017

Duke University Durham, NC

Bachelor of Science Degree in Computer Science, with Distinction

Class of 2013

Minor in African and African American Studies

Honors/Awards

NC State Graduate Merit Award Recipient Raleigh, NC

August

2015

Computer Science Undergraduate Research Fellowship (CSURF) Durham, NC

May 2012 – May

2013

Industry

Quality Engineering Intern at Red Hat

Summers 2017, 2018

Worked on verifying bugs and automating testing and installation for Red Hat Satellite 6

Software Engineering Intern at Blackbaud

Summer

2016

Maintained software by fixing bugs, adding documentation, and creating a system dashboard with AppDynamics

Python Developer at Bank of America

July 2013 – July

2015

Worked as a programmer using agile processes to develop front-end and back-end code for bank applications

Research

Research Assistant Raleigh, NC

August 2016 –

Present

Research in increasing software engineering tool awareness with Drs. Emerson Murphy-Hill and Chris Parnin

Independent Study Raleigh, NC

August 2016 – December 2016

Researched integrating automated program repair into intro programming classes with Dr. Guoliang Jin

Duke University CSURF Durham, NC

May 2012 – May 2013

Research in CS education and wrote honors thesis "Integrating Computer Science into Middle School Math"

Distributed Research Experience for Undergraduates Providence, RI

May – August

2011

Research in applications for robotics at Brown University

Leadership

- **NC State CSC Student Peer Mentoring Program Planning Committee**

Spring

2017

- **NSBE Triangle Professional Leadership Summit** Durham, NC

September 23,

2016

- **LeaderShape Retreat**

August

2012

Organizations and Activities

Association for Computing Machinery (ACM)

Black Graduate Student Association at NC State

Hackathons: Off the Grid (Blackbaud), HackDuke 2016, HackNC 2016, Duke Men's Basketball Hackathon (2017), PackHacks 2018

North Carolina State University National Society for Black Engineers (NSBE)

North Carolina State University Students & Technology in Academia, Research and Service (STARS)

Python Software Foundation Member

Red Hat Certified System Administrator (RHEL 7)

Relevant Skills and Knowledge

Programming languages: Python, Java, C/C++/C#, Ruby, JavaScript, Bash, HTML, SQL

Tools and Technologies: Git, Ansible, Jenkins, Linux, Windows, LaTeX, Android