

# 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**

Summer 2018

Verified bugs, wrote tests, studied FIPS compatibility, and automated configuration and testing for Satellite 6

**Quality Engineering Intern at Red Hat**

Summer 2017

Verified bugs, wrote tests, and developed test automation framework for Red Hat Satellite 6

**Software Engineering Intern at Blackbaud**

Summer 2016

Fixed bugs, documented code, and created a system monitoring dashboard with AppDynamics

**Python Developer at Bank of America**

July 2013 – July 2015

Developed, maintained, and tested code for the Manual Adjustment Tool

## Research

**Research Assistant** Raleigh, NC

August 2016 – Present

Researching developer productivity and tool adoption with Dr. Emerson Murphy-Hill and Dr. Chris Parnin

**Independent Study** Raleigh, NC

August 2016 – December 2016

Examined integrating automated program repair into computer science education with Dr. Guoliang Jin

**Computer Science Undergraduate Research Fellowship (CSURF)** Durham, NC

May 2012 – May 2013

Studied integrating Computer Science into Middle School Math with Dr. Susan Rodger

**Distributed Research Experience for Undergraduates** Providence, RI

May – August 2011

Research experience in the Robotics, Learning and Autonomy at Brown University (RLAB) with Dr. Chad Jenkins

## Organizations and Activities

**Association for Computing Machinery (ACM)**

**Institute of Electrical and Electronics Engineers (IEEE)**

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

**Free Open Source Software Interest Group**

**Linux User’s Group @ NC State**

**North Carolina State University Minority Engineering Graduate Student Association (MEGSA)**

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

**Python Software Foundation**

**Linux Foundation**

## Relevant Skills and Knowledge

**Programming languages:** Python, Java, Ruby, C/C++/C#, JavaScript, HTML, NodeJS

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

**Red Hat Certified System Administrator (RHEL 7)**