Andre R. Campbell

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EDUCATION:

- **HOWARD UNIVERSITY**, Washington, D.C   Expected Graduation: May 2019
  Bachelor of Science: Computer Science
  Cumulative GPA 4.0

PROFESSIONAL WORK:

Google Engineering Practicum Intern   May 2017 - August 2017
- Designed and developed a web application to capture the Google feed through time, enabling debugging, analysis and exploration
- Designed and implemented an user interface in order to search for and view an instance of the Google feed
- Created a command line tool for retrieving instances of the Google feed
- Technologies used: Python, C++, Google Flume, Django, HTML/CSS, Google F1 and many other tools internal to Google

Google Engineering Practicum Intern   May 2016 – August 2016
- Developed an automatic import process for Chromium's W3C web platform tests
- Advanced testing methods for layout/platform test for Chrome's rendering engine
- Attended Google's 2016 Software Engineering Tools and Infrastructure Conference

Undergraduate Research –Assistant   January 2017 - Present
- Implementing a provenance-aware system for Internet of Things
- Converting data in CTF to a provenance model for visualizing in a relational node database
- Technologies used: Babeltrace, Prov-DM, Python, ProvNeo4j

Howard University Teaching Assistant   August 2016 – Present
- Clarifies Computer Science concepts in easy-to-understand terms
- Effectively adjusts tutoring style for students with diverse learning needs and cultural backgrounds
- Communicates and facilitates tutoring sessions bi weekly for as few as 10 students

LEADERSHIP EXPERIENCE:

WatchMeCode – Instructor   December 2017 - Present
- Mentors local high school students in the Metro DC area
- Teaches basic computer science and software engineering concepts
- Illustrates the importance of minorities in the tech field

RELEVANT COURSE AND PROGRAMMING LANGUAGES:

Coursework
- Data Structures (SP 2017), Computer Organization (SP 2017), Large Scale Programming (SP 2017), Intro to Affective Computing (SP 2017), Computer Science II (FS 2016), Human Computer Interaction (FS 2016) UNIX Lab (SS 2015)

Languages
- Python (2 years), C++ (23 months), HTML/CSS (13 months), JavaScript (9 months), SQL (2 months)

AWARDS AND SCHOLARSHIPS:
- Recipient of the NSBE Northrop Grumman Pipeline Program   December 2016 - Present
- Recipient of the Alain Locke Scholar's Award   December 2016