Nicholas Cummings

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Education - May 2021 Graduation

Morehouse College, Atlanta, GA / Bachelors of Science in Computer Science

- Studying Programming in C++ Completed Data Structures Studying Blockchain Technology with Morehouse's Branch of Opportunity Hub
- **Udemy.com & Online Resources/ For Skills** Learning Building Blockchains, Build a Spotify Clone from Scratch, and Ethical Hacking in Python (Udemy);

Work Experience & Accomplishments

Intern at Naval Research Laboratory- *Washington, D.C. May 2019-August 2019*
Backend Developer

- Manipulated Graphical Data in JSON with Python
- Created backend for Graphical Data Research Project
- Generated Bi-Weekly Reports on Progress within the projects

Blockchain / Supervised Learning Perceptron/Port Scanner - *Python Development*

- Intakes Transaction data to generate Proof of Work Sha256 Hash that verifies transactions to prevent double-spend in the network.
- Intakes a 3x4 matrix of binary inputs to a single layer neural network, backpropagation to train model to approximate desired result.
- Takes a port range and uses sockets to locate open ports in a network that can be accessed.

First and Second Place Winner at Two IBM Hosted Hackathon - *November 2018*

- Individually built a business quality rewarding cryptocurrency, 11/16 National Society of Black Engineers Fall Regional Conference Hackathon.
- Group built a Smart Home Water Measurer, lead 5 young professionals into idea development and execution. 11/28 IBM HBCU Hackathon, Raleigh, NC,.

Skills & Assets

- Python and C++
- HTML, CSS, Javascript, PHP, MySQL
- Strong Reading, Writing, Social Intelligence , Communication, and Teamworking Skills
- Strong Critical Thinker and Problem Solver, Proactive and Ambitious, Quick Learner

Campus Involvement and Leadership

- Management Leaders For Tomorrow Career Prep Program Fellow - 3/19 to Present
    - Selected as one of 360 for an 18-month professional development program for high-achieving diverse talent,
  Serving On Conference Planning Committee for AUC Chapter of National Society of Black Engineers
    - Organized and Informed 50 students to NSBE National Convention for 3/27/19
- Serving on E-Board for the Next Great American Poet- *May 201- Present*
    - 501C Non-Profit granting college scholarships to kids in Atlanta Area
    - Organize multiple open mics, meetings, and annual scholarship competitions August 2017- Present
- Oprah Winfrey Diamond in the Rough Scholar