La'Andrea Gates

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EDUCATION

Mississippi Valley State University   2016 – 2020
Itta Bena, MS

Greenville High School (Honor Graduate)   2012 – 2016
Greenville, MS

EXPERIENCE

Digital Science Center REU   2019
Indiana University   Bloomington, Indiana
- Processed and analyzed images
- Augmented Data
- Collaborated on a paper and poster related to research

Minority Science and Engineering Improvement Program   2018 – Current
Mississippi Valley State University   Itta Bena, Mississippi
- Learned the process of conducting research
- Conducted a literature review on the use of mobile applications in computer science
- Determined preferred programming language of novice programmers through qualitative approach

Center of Excellence Cybersecurity Internship   2018
Norfolk State University   Norfolk, Virginia
- Researched information for Digital Forensics Analyst
- Developed a Digital Forensics Guide.
- Collaborated on a paper, poster, and presentation related to research

Science Gateway Coding Institute   2017
Elizabeth City State University   Elizabeth City, North Carolina
- Programmed in different programming languages
- Exposed to Unix and Linux Operating Systems
- Developed a personal statement and resume

SKILLS & RELATED CLASSES

C++ | Python | Unix Shell |Git | HTML | Microsoft Office Suite |Programming I & II| Java |Discrete Structures| Data Structures| Algorithms| Computer Architecture |Database Management| Social & Ethical Issues | Operating Systems | Software Engineering | Principles of Programming Languages| Cyber Security | Networking| Numerical Analysis | Language and Compilers

AWARDS, SCHOLARSHIPS, CONFERENCES, PRESENTATIONS & AFFLIATIONS

MVSU Presidential Scholar (2020) | MVSU Honor Scholar (2019) |MVSU Honor Scholar (2018) | MVSU President Scholar (2017) | MVSU Scholar (2016) | NSF HBCU-UP Scholarship (2019) |Ayers CIS Scholarship (2018) (2019) (2020)| NSF Odyssey Scholarship (2016–2018) | Association of Computer/Information Sciences and Engineering Departments at Minority Institutions (ADMI) Conference (2018) (2019)| Practice & Experience in Advanced Research Computing (PEARC) Conference Series (2017) | Emerging Researchers National (ERN) Conference (2017) (2020)| Technology Student Association (TSA) National Conference (2015 & 2014)| Mississippi State University HACKSTATE Hackathon (2017) | HPC Cloud Computing Hackathon (2019) |Robotics Mentor for High School (2019) (2020) | National Society of Black Engineers (NSBE) Vice-President (2019-2020) Treasurer (2018-2019) | Department of Mathematics, Computer, and Information Sciences (MCIS) Club Vice-President (2019-2020) Treasurer (2018-2019) SGA Representative (2017-2018) | Women in Science and Technology Vice-President (2019-2020) Secretary (2018-2019) | Cyber-security Club President (2019-2020) Treasurer (2018-2019)