



PRINCE NDHLOVU

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EDUCATION

Southern Methodist University, Dallas, TX

Expected Graduation: May 2021

Majors: Computer Engineering | Mathematics

Wiley College, Marshall, TX

Jan 2017 – Dec 2018

Majors: Computer Science | Mathematics

Coursework: iOS Application Programming, Structured Programming, Programming Logic & Design, Introduction to Cyber Security, Visual Basic Applications, Multivariable and Vector Calculus, Discrete Mathematics, Linear Algebra, Proof Writing, Probability and Statistics

SKILLS & INTERESTS

- **Programming & Software:** Python, Java, Swift, C++, React, PHP, SQL, JavaScript, HTML, CSS, Git, Unix
- **Languages:** Fluent in English, Zulu, Shona, Ndebele, limited working proficiency in Spanish
- **Passions:** Playing Marimba, Artificial Intelligence, Blockchain, Analytics, Investments, Research, Teaching

PROJECTS

- Built an application called PickMeUp which automates delivery for in-store pickup using Java and a Postmates API
- Built a web application that helps Fire Departments optimize and predict emergency calls using a data set from San Francisco Fire Department
- Built an application that connects doctors and physically disabled patients to simplify the consultation process using MERN stack and Agile development methodologies
- Created a backend architecture for a peer to peer book lending service
- Built an emoji translator application using Swift
- Built an application called RateMe that lets restaurant clients rate meals which can be seen by other people
- Made a client that displayed top stories in politics, business, sports ..., using the New York Times free APIs
- Built an online cake ordering system using React
- Built my personal website

EXPERIENCE

Software Engineering Intern, **Microsoft**, Redmond, WA

June 2019 – Aug 2019

- Incoming Software Engineering Intern

Teaching Assistant, **Wiley College**, Marshall, TX

Aug 2018 – Dec 2018

- Increased retention rate in Calculus 1 from **45% to 80%**
- Mentored and coached students through assignments and class work
- Lead discussion sections and tutorials for **20** college students

Research Assistant, **National Science Foundation**, Marshall, TX

May 2017 - Aug 2017

- Identifying facts of information by breaking down data into separate parts
- Communicate research results through presentations in groups of **3**
- Consult with professors to analyze problems

ACHIEVEMENTS

- The Pitch by **Apple Inc:** 2019 Participant | **Goldman Sachs** Engineering Essentials: 2019 Participant
- Develop with **Deutsche Bank:** 2019 Participant | **UNCF** Innovation Summit: 2018 Fellow
- **T-STEM** Scholarship | Wiley College Institutional Scholarship | **2 x** President's list (**4.0 / 4.0**)

AFFILIATIONS

- National Science Foundation - *Researcher* | National Society of Black Engineers – *Publications Chair*
- National Society of Collegiate Scholars - *Member* | STEM League Club – *Member*