PRINCE NDHLOVU

princendhlovu2@gmail.com | (903)-665-4467 | www.princendhlovu.com

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, Teaching, Artificial Intelligence, Blockchain, Analytics, Research

PROJECTS

- Built an application called PickMeUp which automates delivery for in-store pickup using Java and a Postmates API
- Designed and built an iOS game called AlgebraMe to help low income students master mathematics using Swift
- Built an application that connects doctors and physically disabled patients to simplify the consultation process using MERN stack and Agile development methodologies
- Built a web application that helps Fire Departments optimize and predict emergency calls using a data set from San Francisco Fire Department
- 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
- 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 Fellow
- 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*