

INNOCENT NIYIBIZI

St. Louis, MO · iniyibizi@mst.edu · 3146517436 · <https://www.linkedin.com/in/iniyibizi/>
<https://github.com/25cent9>

EDUCATION

Missouri University of Science and Technology (Missouri S&T)
B.S. Computer Science *GPA: 3.4*

Rolla, MO
Aug 2016 - Present

EXPERIENCE

Google Inc.

Engineering Practicum Intern

New York, NY
May 2018 | Aug 2018

- Used C++ and protocol buffers to develop a command line tool that runs queries on an RPC server and deserializes the response providing logs that save hours of debugging for Geo Data.
- Communicated with team members as well as other engineers to design and modify the original functionality of the tool to improve query times by 20-30 minutes.
- Drove the development process for the tool from its infancy to maturity by writing design specifications, working on the actual implementation, and launching the tool into production internally.
- Worked closely with another intern to implement key pieces of the prototype for a structured logging system that will be used across many Geo Platform teams.

Missouri S&T - Multirotor Robot Design Team

CEO, Head of Autonomous Flight

Rolla, MO
Aug 2017 | Present

- Managed a team of four to research and develop robots that perform autonomous, aerial maneuvers.
- Used P.I.D controller to implement autonomous take-off, hover, and landing.

Missouri S&T - IT Help Desk

Student Help Desk Employee

Rolla, MO
Jan 2017 | Present

- Provided technical support to the students and faculty of Missouri S&T both over the phone and in person.
- Processed 3D prints for students and faculty.

Special School District

IT Help Desk Intern

Town And Country, MO
Jun 2015 | Aug 2017

- Provided technical support to faculty and staff of SSD.
- Lead a team of two other interns during my second year that was tasked with streamlining the process of reimaging and updating more than 700 student computers and mobile devices.
- Used Windows PowerShell and Batch files to create scripts that would help automate the reimage and update process.
- Worked with the software development team to develop Python and SQL scripts that would help maintain their asset tracking database.

SKILLS

Programming Languages: C++, Python, Android
Technical Skills: Linux, macOS, Windows, Protocol Buffers, Remote Procedure Calls

PROJECTS

Swoly Java, SQLite

An Android app that helps your brain do the heavy lifting.

<https://github.com/Durian-Inc/Swoly>

PongChat Javascript, Go, HTML, CSS

A platform where you and n number of friends can chat and play Pong together at the same time!

<https://github.com/Durian-Inc/PongChat>

Debate Mingle Python, Flask, Jinja2, Postgresql

A platform where you're able to chat with people that have similar or opposing views on topics, but with a twist.

<https://github.com/Durian-Inc/DebateMingle>

HONORS AND ACTIVITIES

Deans List

Spring 2017 - Spring 2018