

INNOCENT NIYIBIZI

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<https://github.com/25cent9>

EDUCATION

Missouri University of Science and Technology (Missouri S&T)

Rolla, MO

B.S. Computer Science *GPA: 3.4*

Aug 2016 - Present

EXPERIENCE

Google Inc.

New York, NY

Engineering Practicum Intern

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.
- 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.
- Completed the entire development process, including writing design docs, implantation, and launching internally and to production.

Missouri S&T - Multirotor Robot Design Team

Rolla, MO

Head of Autonomous Flight

Aug 2017 | May 2018

- 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

Rolla, MO

Student Help Desk Employee

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

Town And Country, MO

IT Help Desk Intern

Jun 2015 | Aug 2017

- Provided technical support to faculty and staff of Special School District.
- Lead a team of two other interns during my second year to complete the task 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 reimaging and updating 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*

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

An Android app that logs and computes weight to lift based on given max weight.

PongChat *Javascript, Go, HTML, CSS*

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

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

Debate Mingle *Python, Flask, Jinja2, Postgresql*

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

A platform where you're able to chat with people that have similar and opposite opinions on topics. But, there's a twist.

HONORS AND ACTIVITIES

Deans List

Spring 2017 - Spring 2018

Multirotor Robot Design Team - CEO

Aug 2018 - Present