Thomas Nyuma

» Objective

An energetic and passionate STEM student seeking an intern opportunity for **Summer 2021** to be apart of a diverse team that envisions building products that empower people to not just achieve, but also promote the elegant design, development, and testing of software that impact millions.

» Education

Oregon State University
Pursuing a B.S in Computer Science by Spring 2024
Relevant Coursework - Calculus I , Intro to CS , Discrete Mathematics
GPA - 4.0 (Entering with 70 credits)

Lake Nona High School
High School Diploma
GPA - 4.31
Relevant Coursework - AP Calculus AB, AP Computer Science Principles, AP Computer Science A

» Projects

The TikTok Bot
• **Founder** and **Owner** of an organization on GitHub that collaborate on the development and maintenance of The TikTok Bot.
• Directed the Implementation of a concurrency algorithm which maximized HTTP requests per hour from **1,000** to over **100,000 requests per hour**.
• Bot handled **millions** of requests daily, most notoriously recognized for being the reason a post the bot ran on currently holds the record for number of shares in a single video on TikTok.

TEKN
• Launched a personal website through GitHub Pages as a host for my product and engineering-related interest, latest projects, goals, and resume
• Integrated the visually sleek front-end using JavaScript, HTML5, and advanced CSS styling
• Incorporated a contact me form backend using **Microsoft Excel** and the **Google Apps Script** to automatically send messages directly to an email

TEKNews
• Built a native iOS mobile app as a submission for the Microsoft Hack for Africa Hackathon
• Integrated Apple's SwiftUI, a MVVM Architecture, and calls to the NewsAPI to derive headlines bringing the news to the users' fingertips
• Strengthened a system that returns parsed JSON data every 3 minutes to bring only the latest of Breaking News

» Activities

Oregon State University Chapter of National Society for Black Engineers - *Collegiate Member*
• Member of the renown honor society founded on a mission to increase the number of culturally responsible Black engineers who excel academically, succeed professionally, and positively impact the community.
• Our chapter goes on industry tours, invite companies to give talks on campus, as well as attend conventions/conferences throughout the school year.

Lake Nona Robotics - *Senior Captain and Founder*
• While not under the widely known FIRST circuit, our team was the **only** team in our entire district to cohort independently.
• Mentored and taught new members Arduino and how to code in C++, in order to be an active contributor to club projects.
• Our team built a fitted prosthetic hand robot that was used as a model demonstration for a robotics fair held on campus.

» Awards

TopHacker LNHS - *High School AP Computer Science Instructor*
• Presented the annual award of TopHacker as a Junior in a school of 4,000 students.
• Award represents a student with an initiative to learn, knack for technical creativity, and ability to write clean, scaleable code.

» Contact

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» Skills

LANGUAGES AND FUNDAMENTALS
Swift
MVVM/MVC/VIPER Architecture
Objective C
GitHub
Wireframing
UX Design
Sketch
Figma
Agile
Bitbucket
API Configuration
C++

TOOLS AND FRAMEWORKS
Node.js
Cocoapods
C#
Version Control
Docker
JavaScript
HTML5
CSS
GitHub
Arduino
Docker
MySQL
Vapor

» Volunteering

Habitat for Humanity Greater Orlando - *ReStore Voulnteer*
• Served thousands of families while also giving new volunteers instruction on how to do an array of task, from sorting items around the warehouse and unloading trucks, to merchandising.
• Accomplished the 1st *ever* complete refurbishment of our site, increasing attraction to many more locals, and thus greater widespread impact in the community.