

Linus Brian Okoth

406 Shepard Hall 626 University Pl, Evanston, IL 60201 (775)-200-2860

LinusOkoth2023@u.northwestern.edu www.linusokoth.com

EDUCATION

Northwestern University, Evanston, IL.

Robert R. McCormick Scholl of Engineering and Applied Science

June 2023 (Anticipated)

Bachelor of Science in Computer Science

SKILLS

Computing – Coding in Python, Java, C++, C, HTML, CSS, JavaScript, MATLAB, Racket.

EXPERIENCE

Facebook University for Engineers, Menlo park, California , USA.

June – August 2020

Android Mobile Development

- Spent the first 3 weeks learning different development strategies in relation to scalable android applications. Worked on 8 different prototypes with different levels of difficulty using third party APIs and a parse server.
- Worked on an individual android mobile application in 4 weeks fully configuring it with the Parse Database with a polished UI. Soon to be published in the app store.

Twitter – Early Bird, San Francisco, California, USA.

May 2019

Full stack developer and participant in Take Flight Challenge

- Used Ajax, JavaScript, and CSS to implement a new subset of Tweet details feature that uses existing twitter's Machine learning classifiers, that achieved a **16% increase** customer approval through the user testing conducted.
- Ranked **1st runners** up in the Take Flight Challenge after senior Twitter engineers assessing the above-mentioned feature.

Goldman Sachs, Salt Lake City, Utah, USA.

May 2019

Undergraduate Camp – Spring Insight program

- Attended different seminars and learnt current industry level development practices in Finance and different ways Goldman Sachs elevate technology in different fields of the consulting industry.

Teaching Assistant CS 110 – Intro to computer programming

Northwestern University McCormick School of Engineering, Evanston, IL, USA.

Teaching Assistant

April – June 2020

- Holding office hours 6-10 hours a week helping out with course materials and programming assignments.
- Created out of class virtual groups to give the students a platform and extra classes on introduction to competitive programming. The enrolled group scored averagely scored **18% higher** than their peers.

ACTIVITIES

EDTRUM

Founding President - Lead Software Engineer - Full stack Engineer

- Leading a team of 6 to develop the EDTrum, a webapp using the MERN Stack to consolidate and arrange information on different learning resources used for different professional tracks in computer science.
- Redesigned the front-end using React achieving a **56% reduction** in loading speeds, achieving a **31% increase** user average satisfaction among the beta users tested.

TECH CAMP KENYA, Nairobi, Kenya

January – November 2018

Student - Full Stack Software Development

- Introduced to Web Development using Flask, a Python Framework. Worked on 'Shop Guru Employee Management System', a web application to help a startup's directors monitor, post and, implement changes in employee payrolls and status.
- Used flask to Consume Mpesa API's, to automate payment method and update of the financial standings of the company in real time while updating all administrators.