

EDUCATION

Nairobi, KEN **ALX Africa** **Nov 2022 – Jan 2024**

- ALX Software Engineering with specialization in backend.
- Coursework: Software Foundations; Computer Architecture; Algorithms & Data Structures; Databases; Programming Languages; Docker; Git

Nairobi, KEN **Light Academy** **Jan 2016 – Nov 2019**

- Kenya Certificate Of Secondary Education
- Mean A.

SOFTWARE PROJECTS

Personal Website: <https://bryokim.github.io>

Poetry Galore (<https://bryokim.github.io/poetry-galore>)

- Developed web app that allows users to post and read poems.
- Designed RESTful backend server in Flask.
- Incorporated persistent storage using MySQL.
- Utilized: Python, Flask, jQuery, MySQL, Bootstrap, HTML, CSS.

MongoUI:

- Implemented a user interface for use with MongoDB.
- Creating, updating and deleting databases, collections and documents can be done through the interface.
- Follows MongoDB's role-based access control by providing only actions that a user's role permits.
- Utilized: JavaScript, TypeScript, Nuxt, Vue.js, Docker, Vuetify.

Pycheckdoc:

- Developed tool for checking Python documentation.
- Inspired by checkers at ALX that require documentation for all Python code.
- Used abstract syntax trees to be able to get the docs for the module, function nodes and class nodes.
- Utilized: Python

LANGUAGES AND TECHNOLOGIES

Languages:

- Proficient:** JavaScript; Python; SQL; HTML; CSS
- Familiar:** C; TypeScript

Technologies:

- Visual Studio; Vi; Emacs; Docker; Git; Nginx; HAProxy