

Tito Yak Kuol

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Education

HARVARD UNIVERSITY

AB in Computer Science

Cambridge, MA

May 2022

Relevant coursework: Algorithms, Data Structures, Databases, Statistics, Abstraction and Design in Computation, Software Engineering, Design Principles in Data Visualization

Experience

SHOFCO: Data Analyst Consultant

June – August 2020

- Consolidated COVID-19 response data and generated reports using Google Data Studio.
- Remodeled databases, evaluated beneficiary outreach, and made recommendations by generating reports.

BRANCH INTERNATIONAL: Data Analyst Intern

January – March 2020

- Analyzed loan borrowing rates and reviewed criteria for filtering 'good' borrowers.
- Built dashboards for monitoring loan disbursement and repayment rates.

TWENDE CARPOOL: Software Engineer Intern

June – August 2019

- Designed and implemented a web application that for user sign-up, login, and trip request.
- Implemented the backend authentication logics in Python.

Selected Projects

Bookyst

- Social cataloging web application for reviewing plot summaries and recommending books to other readers.
- Implemented in Node.js, MongoDB, Express, Mongoose, Pug, and CSS.

Dadu

- Die game in which players are faced with jeopardizing previous gains by rolling for potential greater score.
- Implemented in Python, Flask, SQLAlchemy, PostgreSQL, HTML5, and CSS3.

Dispatchbox

- Flask application that allows users to sign up and create public chatrooms for direct messaging.
- Implemented with Python, Flask, JS, Socket.io, HTML5, CSS3, and Bootstrap 4.

Google-search

- Front-end for Google Search with advanced search functionality that returns pages matching search keywords.
- Implemented using dynamic forms for sending keywords combination to google routes.

Leadership & Activities

HARVARD POLITICAL REVIEW: Staff Writer

January 2018 – January 2019

- Corresponded on current [political affairs](#) and events in Sub-Saharan Africa with a focus on economic development and political representation.

HARVARD SUMMER SCHOOL: Proctor

April – August 2018

- Supervised and advised students for academically productive summer experience.

Technical Skills

Programming: JavaScript, Python, Node.js, SQL, HTML5, CSS3, Bootstrap, Pug.

Frameworks and Libraries: Flask, Express, SQLAlchemy, MongoDB, PostgreSQL.