

Salome Wairimu

Salomekariuki2020@u.northwestern.edu

salomewairimu.github.io | linkedin.com/in/salomewairimu | (224)427-0177

EDUCATION

Northwestern University, Evanston IL

Bachelor of Science in Computer Science,

GPA: 3.9

Honors: Dean's list (3/3 quarters)

June 2020 (anticipated)

PROJECTS

Wiki textual chatbot using Python

Built a textual chatbot that matches questions to saved patterns and uses regular expressions to get information from info boxes on Wikipedia and then displays information to users.

Movie Reviews Naïve Bayes Classifier using Python

Trained a Naïve Bayes Classifier that analyzes the sentiment conveyed in text. Used a database of movie reviews that was sorted according to ratings, created dictionaries for positive and negative reviews, pickled them with each additional review then fed in test cases to ensure each was classified correctly.

Simple Car System using C++

Built an application that simulates a set of car devices using Object Oriented concepts, linked lists, dynamic memory allocation.

Design Thinking and Communication Course

Worked in two teams of four on two major projects:

1. **The FireTite**

Designed and prototyped an anchor system for fire escape and bailout systems for Darien Fire Department.

2. **Fundamental Frequencies**

Designed and prototyped a website to raise awareness on hearing for Doctor Michael Peshkin.

ACTIVITIES

EECS 211 Teaching Assistant - FUNDAMENTALS OF COMPUTER PROGRAMMING

September 2017

- Holding office hours to help students with Object Oriented Programming using C++ and help navigate UNIX.

Fanaka, Nairobi Kenya

June 2017-August 2017

- Created and ran a project in rural Kenya exposing about 4400 high school students to educational opportunities.

Hack Nights

January 2017-present

- Participate in small weekly hackathons to work on projects and learn more technical skills.

N'CATS, Evanston IL

February 2017-present

- Tutor student athletes in C++, Python, Swahili, Calculus and Engineering Analysis.

Women in Computing, Evanston IL

March 2017-present

WORK EXPERIENCE

IT intern: Equity Group Foundation, Nairobi Kenya

August 2017

- Interned for two weeks and designed a digital literacy website for high school students.

Consultant: Northwestern IT Support Center, Evanston IL

January 2017-present

- Solve issues with internet connectivity, passwords, email, and school software

SKILLS

Coding languages

- Coding in C++, Python, HTML, CSS, C, Racket, MATLAB, UNIX (beginner) and Java (beginner).