

SHANNON M. KARIUKI

SOFTWARE & WEB DEVELOPER

CONTACT

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- [My Portfolio](#)
- [GitHub](#)
- [LinkedIn](#)

EDUCATION

MAY 2020

VILLANOVA UNIVERSITY [VILLANOVA, PA]

Bachelor of Science: Computer Science

Minor: Peace and Justice

- *Magna cum laude*: GPA 3.8
- Member of Upsilon Pi Epsilon
- Service-Learning Community Leader
- Recipient of the Freshman Match Research Program Award: Served as a research assistant for a study on student activism on college campuses
- Recipient of the Zawadi Africa Education Fund Scholarship

TECHNICAL SKILLS

- Java
- React
- Node.js
- HTML/CSS
- PostgreSQL, MySQL
- C#
- Unity
- Git
- SAP Analysis for Office, SAP CRM

ADDITIONAL INFORMATION

- **Language Skills:** Fluent in English and Swahili

PROJECTS

AUG 2019 – DEC 2019

Senior Capstone Project | Villanova University, Villanova, PA

- Created a website that generates song suggestions based on a user's mood. The project utilized Spotify API, React, and Node.js. [Moodify](#)

JAN 2019 – MAY 2019

Game Development Programming | DIS Copenhagen, Copenhagen, Denmark

- Collaborated in a team of 4 students to [design, create and test code](#) for a 2D platformer game using C# and Unity. [2D-platformer game](#)

JUN 2018 – AUG 2018

Face Recognition App | Udemy

- Successfully completed the 'Web Developer in 2018: Zero to Mastery' course and [deployed a website](#) that stores users in a PostgreSQL database and recognizes faces using Clarify API. Implemented using React, Node.js, and PostgreSQL. [Face Recognition App](#)

WORK EXPERIENCE

JUL 2019 – DEC 2019

Global SAP MaxAttention Communication Intern | SAP, Newtown Square, PA

- Successfully led an email and call campaign that retained over 100 client partners on an update to the customer booking process
- [Created a SharePoint](#) site for client partners to access resources needed during the pre-sale and sales process

JUN 2018 – DEC 2018

Premium Engagement Intern | SAP, Newtown Square, PA

- Analyzed historical data on customer incidents and created detailed reports on the correlation of different factors affecting the customer's performance
- Implemented SAP Analysis for Office scripts to [automate data collection and analysis](#) functions
- Analyzed financial data using SAP Analysis for Office to assess the achievement of key performance metrics

LEADERSHIP

June 2020 – Present

STEAM-LAB KENYA | Co-Founder & Web Development Instructor, Nairobi, KE

- [Developed and Maintain](#) the STEAM-LAB KENYA [website](#)
- Created an "Introduction to Web Development" curriculum to teach high school students the basics of web development
- Conduct bi-weekly zoom lessons with 10 high school students

FEB 2018 – MAR 2020

Lead Coordinator of Coding Club | St. Francis de Sales, Philadelphia, PA

- [Led a team](#) of Villanova student volunteers who help run a coding club in St. Francis de Sales School
- Taught students how to build computer games using Scratch, Java GUI and Processing, and how to create personal biographies using HTML and CSS