

# SHANNON M. KARIUKI

SOFTWARE & WEB DEVELOPER

## CONTACT

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

## EDUCATION

MAY 2020

VILLANOVA UNIVERSITY [VILLANOVA, PA]

**Bachelor of Science: Computer Science**

Minor: Peace and Justice

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

## TECHNICAL SKILLS

- Java
- ReactJS
- Node.js
- HTML/CSS
- Bootstrap
- C#
- Unity
- Git
- PostgreSQL, MySQL
- 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, ReactJS 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#, Unity and Microsoft Visual Studio. [2D-PlatformerGame](#)

JUN 2018 – AUG 2018

**Web Developer Course |Udemy**

- Successfully completed the 'Web Developer in 2018: Zero to Mastery' course and [deployed a website](#) that recognizes faces using Clarify API. The website was implemented using ReactJS, 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

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 that server 20 students per semester.
- Taught students how to [program computer games](#) using Scratch, use Java GUI and Processing, and how to create personal biographies using HTM and CSS.