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EDUCATION

BSc General	University of the West Indies, St. Augustine	Feb 2013
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- **Majors:** Mathematics, Physics

BSc Special	University of the West Indies, St. Augustine	Sep 2018
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- **Major:** Information Technology
- **Programming Courses:** Programming Fundamentals II, Fundamental Data Structures, Web Systems and Technologies
- **Software Development Courses:** User Interface Design, Software Engineering
- **Database Course:** Enterprise Database Systems

EMPLOYMENT

Teacher II	Ministry of Education	Jan 2009 - Current
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Arima North Secondary School

- Mathematics (Form 1—5), Additional Mathematics (Form 4 and 5) , Pure Mathematics (Form 6), Applied Mathematics (Form 6)
- Student registration web application, Teacher gradebook web application
- Provide support and maintenance of the School's MS SQL Database System
- Developed custom WinForm applications to interface with MS SQL Server Database in response to changes in user Requirements increasing efficiency of submitting reports and analysis of students performance.

PROJECTS DEVELOPED

School Attendance Application (Windows / Web)

- Developed and implemented windows application to track students regularity and punctuality using NFC Identification Cards. The application utilizes a REST API to push data to MySQL database. Data stored available through a web interface. Includes an SMS to alert parents when students are late or did not arrive to school
- Utilized: C#, MS SQL, JavaScript, AJAX, JQuery, PHP, MySQL

Bulk Communication Application

- Designed and implemented a windows communication application using data stored in a Microsoft SQL Server. Application allows users to send bulk SMS using a REST API and bulk email using the MimeKit .NET library.
- Utilized: C#, MS SQL, SMTP, MimeKit

School Data Management System (Web)

- Designed and implemented a web application for teachers to enter student term marks online, print report cards, manage student biodata and administration to manage staff regularity and punctuality.
- Stack: LAMP
- Utilized: HTML, Sass, CSS, JavaScript, AJAX, jQuery, PHP, MySQL, FPDF, Datatables plug-in

School Data Management System (Windows)

- Designed and implemented windows application for teachers to enter student term marks, print report cards,.
- Utilized: C#, MSSQL, SSRS, ITextSharp

SKILLS

Software: (*proficient*): C#, Java, PHP, JavaScript, HTML/CSS, SQL (MySQL, MS SQL) (*familiar*): Git, C++, Linux, Batch Processing, Visual Basic, Webserver

Frameworks: (*familiar*): Laravel, Vue

Libraries: jQuery, iText, Chart.js, Bootstrap

Networking: (*familiar*) Ethernet, switch and router configuration, wireless technology