

# Andrew Garnett

SOFTWARE ENGINEER · CURRICULUM VITAE

Georgetown, Guyana

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## Experience

### University of Guyana

SOFTWARE ENGINEER

Georgetown, Guyana

Nov 2020 to Present

- PHP Development of in-house Student Record and Human Resource Management systems.
- AWS Administration - Deployment of several applications on Linux with EC2 and RDS, IAM Management and automating resource provision with CloudFormation
- Integrated in-house information systems with Moodle Learning Management System, Unitime Timetabling software etc.

### Guyana Defence Force

JUNIOR SOFTWARE ENGINEER

Georgetown, Guyana

Sept. 2019 - April. 2020

- Functioned as a civilian employee in the Guyana Defence Force during my final year of studies.
- Performed work bound by confidentiality agreements.
- Attended several Big Data & IoT courses provided by Huawei.

### Freelance

SOFTWARE ENGINEER

Georgetown, Guyana

April, 2018 to Present

- Development of Deep Learning models with PyTorch.
- Backend development on various projects across multiple sectors.
- Experience using Laravel PHP Framework and Quarkus Java Framework.

### Caribbean Community Secretariat

INTERN

Georgetown, Guyana

July 1, 2018 - Aug 31, 2018

- Researcher in the ICT4Development department in the CARICOM HQ.
- Created several reports including one published in the CARICOM Registry entitled "Financial Technology in the Caribbean."
- Developed design and mockups for the CARICOM Mobile App.

## Honors & Awards

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|----------------|--|-------------------------|
| 2019 &<br>2020 | <b>Dean's List</b> , Faculty of Natural Sciences                   | University of<br>Guyana |
| 2020           | <b>2nd Place</b> , Office of the Prime Minister National Hackathon | Georgetown, GY          |
| 2022           | <b>Winner</b> , Webby Awards - Verizon 5G For Change Hackathon     | New York, USA           |

## Conferences & Proceedings

### Caribbean Academy of Sciences

PRESENTER - RESEARCH PROJECT: REAL TIME QUALITY INSPECTION OF CHEST X-RAYS USING COMPUTER VISION SYSTEMS.

Georgetown, Guyana

August, 2021

### International Society of Radiographers and Radiological Technologists

PRESENTER - RESEARCH PROJECT: REAL TIME QUALITY INSPECTION OF CHEST X-RAYS USING COMPUTER VISION SYSTEMS.

Dublin, Ireland

August, 2021

## Education

### University of Guyana

B.SC. IN COMPUTER SCIENCE

Georgetown, Guyana

2018-2020

- 3.68 GPA - Distinction
- Executive Member - Free & Open-Source Software (FOSS) Club

### University of Guyana

A.SC. IN COMPUTER SCIENCE

Georgetown, Guyana

2016-2018

- Guest Speaker - TechEd 2017

## Extracurricular Activity

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### UnityGY (Nonprofit Organization)

VICE-PRESIDENT

- Developed online platform that can be used to aid the professional advancement of youth in Guyana.
- Collaborated with local branch of UNICEF and the Govt. of Guyana.
- Resources: [Website](#), [Article 1](#), [Article 2](#)

*Georgetown, Guyana*

*September, 2020 - Present*

### Youth Advocate

SPEAKER

- Speak and advocate for issues being faced by youth in the country.

*Georgetown, Guyana*

*November, 2020 - Present*