

# Andrew Garnett

SOFTWARE ENGINEER · CURRICULUM VITAE

Georgetown, Guyana

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## Experience

### FramePerfect

SOFTWARE ENGINEER, FOUNDER

- Development of Deep Learning AI models with PyTorch.
- Consultancy and Software Development in the Health, Agriculture and Education industries
- Experience using ASP.net core (C#), Laravel (PHP) and Quarkus (Java) frameworks.

Georgetown, Guyana

April, 2018 to Present

### University of Guyana

SOFTWARE ENGINEER

- 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.
- Administration of Moodle LMS

Georgetown, Guyana

Nov 2020 to Dec 2022

### Guyana Defence Force

JUNIOR SOFTWARE ENGINEER

- Functioned as a civilian employee in the Guyana Defence Force's Smart City Project.
- Performed work bound by confidentiality agreements.
- Attended several Big Data & IoT courses provided by Huawei.

Georgetown, Guyana

Sept. 2019 - April. 2020

### Caribbean Community Secretariat

INTERN

- 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.

Georgetown, Guyana

July 1, 2018 - Aug 31, 2018

## Honors & Awards

2023 **Winner**, Guyana Innovation Prize

2022 **Winner**, Webby Award - Verizon 5G For Change

2020 **2nd Place**, Office of the Prime Minister National Hackathon

2019 & 2020 **Dean's List**, Faculty of Natural Sciences

Georgetown,

Guyana

New York, USA

Georgetown, GY

University of

Guyana

## 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

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### Edinburgh Business School, Heriot Watt

MSC DIGITAL LEADERSHIP

- Partial Scholarship - Intl

*Edinburgh, Scotland*

*2022-2025*

### University of Guyana

B.SC. IN COMPUTER SCIENCE

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

*Georgetown, Guyana*

*2018-2020*

### University of Guyana

A.SC. IN COMPUTER SCIENCE

- Guest Speaker - TechEd 2017

*Georgetown, Guyana*

*2016-2018*

## Extracurricular Activity

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### UnityGY (Nonprofit Organization)

VICE-PRESIDENT, FOUNDER

- Developed online platform and works 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*