

# Sando George

SOFTWARE ENGINEER · CURRICULUM VITAE

Georgetown, Guyana

<https://sandogeorge.github.io>

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## Education

### Warsaw University of Technology

Warsaw, Poland

M.SC.ENG. IN COMPUTER SCIENCE (ARTIFICIAL INTELLIGENCE SPECIALISATION)

Oct. 2015 - Jul. 2017

- Advisor: Prof. Dr. Maria Ganzha.
- Co-advisor: Prof. Dr. Marcin Paprzycki.
- Thesis: *System for Supporting Crowdsourcing-type Data Collection.*

### University of Guyana

Georgetown, Guyana

B.SC. IN COMPUTER SCIENCE

Sep. 2009 - Jul. 2011

- Research Project: *ProTag: A Prosodic Tagging Engine for Dynamic Text.*

### University of Guyana

Georgetown, Guyana

DIP. IN COMPUTER SCIENCE

Sep. 2007 - Jul. 2009

- Introductory courses in Computer Science.

## Skills

**Programming** Python, C#, Dart, Javascript, Java, PHP, C, Prolog, Logtalk, Common Lisp

**Frameworks** Flask, .Net Core, Entity Framework Core, OData, Flutter, Vue.js

**Platforms** ProxMox, Windows Server, AWS, Android, Linux Server (Debian and RHEL-based), Embedded Linux, Asterisk PBX

**Tools** Git, Jenkins, Buildroot, LaTeX

**Soft** Technical Writing, Policies and Procedures Development and Writing, Negotiations

**Languages** English (Native), Polish (A1)

## Experience

### National Intelligence and Security Agency

Georgetown, Guyana

TECHNICAL ADVISOR TO THE DIRECTOR

Apr. 2021 - Present

- Supporting the Director's vision and intent by advising on and coordinating the development of policy, training, and STEM-related programmes.

### Guyana People's Militia

Georgetown, Guyana

PLATOON COMMANDER

Jun. 2019 - Present

- Supervision of reserve military training at the platoon level.

### Freelance

Remote

SOFTWARE ENGINEER

Aug. 2010 - Present

- Software development across multiple sectors, at different levels of the computing stack.

### Guyana Defence Force

Georgetown, Guyana

SENIOR SOFTWARE DEVELOPER

Jan. 2018 - Apr. 2021

- Software development and project management in the Research and Development Unit, Defence Headquarters.

### University of Guyana

Georgetown, Guyana

PART-TIME LECTURER / LAB INSTRUCTOR

Oct. 2017 - Dec. 2019

- Taught: CSE4101 - Artificial Intelligence I, UGC1201 - Computer Literacy II
- Supervised labs for various undergraduate computer science courses.

## Kooyara, Inc.

Remote

SOFTWARE ENGINEER, ARTIFICIAL INTELLIGENCE

Jan. 2017 - Mar. 2017

- Designed a person-person recommender system ranking algorithm and implemented the MVP, along with a PHP-SDK to enable developers to access the system via a RESTful API.

## Government of Guyana

Georgetown, Guyana

PROGRAMMER/IT ANALYST

Jun. 2013 - Dec. 2014

- Built data analysis tools.
- Coordinated and supervised the work of Information Technology Technicians and Information Analysts.
- Made recommendations for the purchase of technology resources.

## Guyana Defence Force

Timehri, Guyana

OFFICER CADET

Mar. 2012 - Jul. 2012

- Training in military leadership skills.

## Venus Global Communications

Georgetown, Guyana

DRUPAL DEVELOPER

May 2011 - Mar. 2012

- Drupal theming, bespoke module development and customising existing community modules.

## University of Guyana

Georgetown, Guyana

JUNIOR SOFTWARE DEVELOPER

Oct. 2009-Jul. 2010, Jan. 2011-Jul. 2011

- Migrated obsolete Visual FoxPro systems to PHP.

## Professional Certifications

### International Software Testing Qualifications Board

Warsaw, Poland

CERTIFIED TESTER FOUNDATION LEVEL, LICENSE 5323/2016

Feb. 2016 - Present

## Short Courses

### Advanced Anti-Corruption: Preventing Corruption

Online

UNODC E-LEARNING

Sept. 2021

### Introduction to Anti-Corruption

Online

UNODC E-LEARNING

Sept. 2021

### Understanding Transnational Organized Crime

Online

UNODC E-LEARNING

Sept. 2021

### Intelligence Foundation Awareness

Online

CCLEC AND UK BORDER FORCE E-LEARNING

Jul. 2021

## Presentations, Proceedings and Papers

### Orchestra Mobile Crowdsensing and Computing Platform: A Roadmap for Further Development

Long Beach, California

BLACK IN AI WORKSHOP - REMOTE PRESENTATION

Dec. 2017

Remote presentation of poster for the Black in AI workshop that was co-located with NIPS'17.

### Knowledge and Reasoning

Georgetown, Guyana

UNIVERSITY OF GUYANA, DEPARTMENT OF COMPUTER SCIENCE

Oct. 2017

Two part introductory lecture to fourth year Computer Science undergraduates as part of their Artificial Intelligence I course.

## Building a Platform to Collect Crowdsensing Data: Preliminary Considerations

Albena, Bulgaria

AMiTANS'17, PRESENTATION BY DR HAB. MARCIN PAPRZYCKI

Jun. 2017

**Sando George**, Maria Ganzha, Marcin Paprzycki, Stefka Fidanova, Ivan Lirkov

- Paper: <http://aip.scitation.org/doi/abs/10.1063/1.5007406>.

## ProTag: A Prosodic Tagging Engine for Dynamic Text

St. Augustine, Trinidad and Tobago

DCIT ANNUAL COMPUTING FORUM, UWI, POSTER EXHIBITION BY MR. LENANDLAR SINGH

Feb. 2012

**Sando George**, Eldon Marks, Lenandlar Singh, Malcolm Williams

## Awards

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### NIPS Conference Travel Grant

Long Beach, California

BLACK IN AI WORKSHOP

Dec. 2017

Travel grant, from the Black in AI workshop, and awarded based on a submitted extended abstract, to attend the Thirty-first Neural Information Processing Systems Annual Conference.

### Government of Guyana Postgraduate Scholarship

Warsaw, Poland

WARSAW UNIVERSITY OF TECHNOLOGY

Oct. 2015 - Jul. 2017

Full scholarship to complete master's studies in the field of Computer Science.