

# Sando George

SOFTWARE ENGINEER · CURRICULUM VITAE

Georgetown, Guyana

☎ (+592) 678-3548 | ✉ sando.csc@gmail.com | 📱 sandogeorge | 🌐 sandogeorge

Date of Birth: 1989-05-03

Place of Birth: Georgetown, Guyana

Nationality: Guyanese

Mailing Address:

310 Section B, Non Pariel, East Coast Demerara, GY

## 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.* Supervised by Mr. Eldon Marks.

### University of Guyana

Georgetown, Guyana

DIP. IN COMPUTER SCIENCE

Sep. 2007 - Jul. 2009

- Introductory courses in Computer Science.

## Skills

<b>Programming</b>	Python, Java, PHP, C, Common Lisp, Prolog, Logtalk
<b>Web</b>	Flask, Drupal
<b>Platforms</b>	AWS, Android, Linux Server, Embedded Linux
<b>Tools</b>	LaTeX, Git, Vagrant, Chef, Jenkins, Buildroot
<b>Languages</b>	English (Native), Polish (A1)

## Experience

### Freelance

Remote

SOFTWARE ENGINEER

Aug. 2010 - Present

- Python development mainly focused on web applications built on the Flask microframework.
- Git-vetted Drupal developer ([https://www.drupal.org/u/el\\_toro](https://www.drupal.org/u/el_toro)).

### 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

JUNIOR SOFTWARE DEVELOPER

- Migrated obsolete Visual FoxPro systems to PHP.

Georgetown, Guyana

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

## Professional Certifications

### International Software Testing Qualifications Board

CERTIFIED TESTER FOUNDATION LEVEL, LICENSE 5323/2016

Warsaw, Poland

Feb. 2016 - Present

## Memberships

### Association for Computing Machinery

PROFESSIONAL MEMBER

- Special Interest Groups: SIGMOBILE

Feb. 2015 - Present

## Presentations, Proceedings and Papers

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

AMITANS'17, PRESENTATION BY DR HAB. MARCIN PAPRZYCKI

Albena, Bulgaria

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

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

St. Augustine, Trinidad and Tobago

Feb. 2012

Sando George, Eldon Marks, Lenandlar Singh, Malcolm Williams

## Awards

### Government of Guyana Postgraduate Scholarship

WARSAW UNIVERSITY OF TECHNOLOGY

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

Warsaw, Poland

Oct. 2015 - Jul. 2017

## Personal Projects

### Webtalk

WEB APPLICATION FRAMEWORK

Webtalk is a repository of boilerplate code for building web applications using the Logtalk programming language. Github:

<https://github.com/sandogeorge/webtalk>

Since Oct. 2017

### Orchestra

MOBILE CROWDSENSING SYSTEM

Orchestra is a system that enables data collectors to publish crowdsensing campaigns and make open calls for data contributions.

Potential data contributors are able to subscribe to these campaigns and decide which sensors to share data from. Android App:

<https://play.google.com/store/apps/details?id=io.phasemetrics.orchestra>

Since Oct. 2016

### PhaseMetrics.io

PAAS APPLICATION

PhaseMetrics is a PaaS that allows software developers to launch the critical infrastructure required to develop JADE-based distributed multiagent platforms. URL: <http://phasemetrics.io>

Since Jun. 2016

### ImageField EPS

DRUPAL MODULE

Provides a field type that enables "pseudo-native" handling of the EPS (Encapsulated PostScript) vector format by providing a custom field to serve this purpose. URL: [https://www.drupal.org/project/imagefield\\_eps](https://www.drupal.org/project/imagefield_eps)

Since Oct. 2012