

Sando George

SOFTWARE ENGINEER · CURRICULUM VITAE

Georgetown, Guyana

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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.* Supervised by Mr. Eldon Marks.

University of Guyana

Georgetown, Guyana

DIP. IN COMPUTER SCIENCE

Sep. 2007 - Jul. 2009

- Introductory courses in Computer Science.

Skills

Programming	Python, Javascript, C#, Java, PHP, C, Prolog, Logtalk
Web	Flask, .Net Core, OData, Vue.js
Platforms	AWS, Android, Linux Server, Embedded Linux, Asterisk PBX
Tools	LaTeX, Git, Vagrant, Chef, Jenkins, Buildroot
Languages	English (Native), Polish (A1)

Experience

Guyana Defence Force

Georgetown, Guyana

SENIOR SOFTWARE DEVELOPER / SECOND LIEUTENANT (RESERVE)

Jan. 2018 - Present

- 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 - Present

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

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).

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

DRUPAL DEVELOPER

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

Georgetown, Guyana

May 2011 - Mar. 2012

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

Presentations, Proceedings and Papers

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

BLACK IN AI WORKSHOP - REMOTE PRESENTATION

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

Long Beach, California

Dec. 2017

Knowledge and Reasoning

UNIVERSITY OF GUYANA, DEPARTMENT OF COMPUTER SCIENCE

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

Georgetown, Guyana

Oct. 2017

Building a Platform to Collect Crowdsensing Data: Preliminary Considerations

AMITANS'17, PRESENTATION BY DR HAB. MARCIN PAPRZYCKI

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

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

Albena, Bulgaria

Jun. 2017

ProTag: A Prosodic Tagging Engine for Dynamic Text

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

Sando George, Eldon Marks, Lenandlar Singh, Malcolm Williams

St. Augustine, Trinidad and Tobago

Feb. 2012

Awards

NIPS Conference Travel Grant

BLACK IN AI WORKSHOP

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.

Long Beach, California

Dec. 2017

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>

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Since Oct. 2017