Sando **George**

PROBLEM SOLVER · 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*.

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, LaTeX
Soft	Technical Writing, Risk Analysis, Strategy Development, Negotiations, Policies and Procedures Development and Writing
Languages	English (Native), Polish (A1)

Experience

Guyana Defence Force	*Georgetown, Guyana*
TECHNICAL ADVISOR - RESEARCH AND DEVELOPMENT, ADMINISTRATION	*Apr. 2021 - Present*

- 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.
Software Engineer, Artificial Intelligence

Remote

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
Programmer/IT Analyst

Georgetown, Guyana

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
Officer Cadet

Timehri, Guyana

Mar. 2012 - Jul. 2012

- Training in military leadership skills.

Venus Global Communications
Drupal Developer

Georgetown, Guyana

May 2011 - Mar. 2012

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

University of Guyana
Junior Software Developer

Georgetown, Guyana

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

- Migrated obsolete Visual FoxPro systems to PHP.

Professional Certifications

International Software Testing Qualifications Board
Certified Tester Foundation Level, License 5323/2016

Warsaw, Poland

Feb. 2016 - Present

Short Courses

Executive Program in Defense Decision Making
Institute for Security Governance - Defense Security Cooperation University

Monterey, California, USA

Dec. 2022

Introduction to Security Sector Governance and Reform (SSG/R)
DCAF - Geneva Centre for Security Sector Governance

Online

Aug. 2022

Intelligence Gathering and Data Analytics
University of Guyana

Georgetown, Guyana

Apr. 2022

Advanced Anti-Corruption: Preventing Corruption
UNODC E-Learning

Online

Sept. 2021

Introduction to Anti-Corruption
UNODC E-Learning

Online

Sept. 2021

Understanding Transnational Organized Crime
UNODC E-Learning

Online

Sept. 2021

Intelligence Foundation Awareness
CCLEC and UK Border Force E-Learning

Online

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

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.