

Rilwan Remilekun BASARU

PERSONAL DATA

WEBSITE: remibasaru.github.io/index.html
ADDRESS: 30 Gordon Rd. Belvedere, Kent, United Kingdom.
PHONE: +44 7517035028
EMAIL: remi.basaru@aol.com

WORK EXPERIENCE

NOV 2017 -	ONARIA TECHNOLOGIES, London <i>Lead Software Developer / Computer Vision Scientist</i> Designed and implemented deep learning based system for diagnosis segmentation of dental captures. Developed robust data capture Android mobile app and implemented dental diagnosis API on the Amazon Web Services (AWS) Cloud platform.
SUMMER 2018	CITY UNIVERSITY, London <i>Research fellow on the SCAMPI project</i> Worked on implementing sensor tracking and prediction of patient's activities of daily living. Role involves implementing framework for collecting sensor reading, training a supervised Bayesian model for predicting activities performed by patients within the home.
SUMMER 2017	GEOVATION HUB, London <i>Software Developer</i> Worked on designing and implementing automated train capacity detection system using readily available on-board sensors. Implemented a prototype in-bound train capacity prediction model for Transport for London trains.
AUTUMN 2013 - SPRING 2017	CITY UNIVERSITY, London <i>Visiting Hourly Paid Lecturer Role</i> Taught classes ranging from Applied Engineering Mathematics to Discrete Mathematics for Computing; Java and Python programming; Advanced databases etc. For detailed list of taught modules see: remibasaru.github.io/teaching.html

EDUCATION

DEC. 2017	Doctor of Philosophy (PhD) in COMPUTER VISION & MACHINE LEARNING, City University, London Thesis Title: "Robust Hand Pose Recognition from Stereoscopic Capture" Supervisor: Dr. Gregory SLABAUGH
JULY 2013	Bachelor's of Engineering (BEng) in BIOMEDICAL ENGINEERING City University, London Final Project Title: "Automated Detection of Respiratory Diseases" Result: First Class (78.4%)
JUNE 2010	International Baccalaureate at Dartford Grammar School, Darford, Kent Result: 370 UCAS points
JUNE 2008	GCSE at Abbeywood School, London Result: 6 A's (incl: Mathematics, Statistics, Double sciences and IT) and 3 B's

SCHOLARSHIPS AND CERTIFICATES

JAN. 2011 Professor Ludwick Finkelstein Scholarship at **City University**, London
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JUNE 2017 Ponin Award at **Dartford Grammar School**, Darford, Kent.

LANGUAGES

YORUBA: Mothertongue
ENGLISH: Fluent
SPANISH: Basic Knowledge

PUBLICATIONS

Intermediate Knowledge: VBA, Excel, Word, PowerPoint

COMPUTER SKILLS

Intermediate Knowledge: VBA, Excel, Word, PowerPoint

INTERESTS AND ACTIVITIES

Technology, Open-Source, Programming
Paradoxes in Decision Making, Psychoanalysis, Behavioural Finance
Football, Travelling

To be provided on request