

OBENG FRANCIS

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CURRICULUM VITAE

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RESEARCH INTEREST

My research interest lies in Software Engineering, Software Architecture, and the Application of Automation in Software Engineering/Development.

EDUCATION

Virginia Tech. University

Ph.D. Computer Science

Advisor: Dr. Eli Tilevich

Blacksburg, VA, USA

January 2023

University of Education

B.S Info. Technology Edu.

Winneba, Ghana

Aug 2015 – July 2019

Enchi College of Education

Diploma in Basic Education

Enchi, Ghana

June 2009 – July 2012

SKILLS

Programming Languages: C++, Java, HTML, CSS, SQL, and Python.

Research Tools: SPSS, LaTeX, JMP, and Tableau.

IDEs: VS Code, Sublime, IntelliJ IDEA, Jupyter and PyCharm.

RESEARCH LICENSES

- Financial Conflict of Interest Training Requirement for Sponsored Research.
- Information Privacy and Security (IPS).
- Basic Responsible Conduct of Research.

EMPLOYMENT

Virginia Tech. University

Graduate Teaching Assistant

Mobile Application Development (CS 5254)

Blacksburg, VA, USA

Present, 2023.

Web Application Development (CS 5244)

Professionalism in Computing (CS 3604)

- Grading student's projects in Mobile and Web Application Development.
- Reporting on students' graded assignments and projects.
- Assisting students with a selection of big themes for their case presentations.

Obuasi Senior High Technical School

Obuasi, Ash – Ghana

Information Technology Instructor

Oct. 2019 – Dec 2022

- Instructing students in C++ programming, HTML, CSS, and Database.
- Evaluating learner's academic performance through exercises, assignments, and projects.

West Africa Examination Council

Obuasi, Ash - Ghana

Assistant Examiner

Nov 2020 – Dec 2022

- Grading students' examination scripts in information and communications technology.
- Recording students' scores for onward processing by the examination council.

Ghana Statistical Service

Asokwa, Ash – Ghana

District IT Officer

June 2021– Nov 2021

- Training supervisors and enumerators on the use of census technological tools such as tablets, laptops, and Computer-Assisted Personal Interviewing (CAPI) software.
- Supervising the transfer/syncing of census data from tablets and laptops to the national data warehouse/data center.

Interviewer

April 2018–June 2018

- Interviewing respondents in the assigned enumeration area on the census of agriculture.
- Transfer of census of agriculture data collected to the national data center.

Interviewer

June 2017 – Oct 2017

- Interviewing respondents in the assigned enumeration area on the maternal mortality survey by using Computer-Assisted Personal Interviewing (CAPI).
- Transfer/syncing of maternal mortality survey data collected to the national data center.

Forestry Commission of Ghana

Ejisu, Ash – Ghana

Internship	July 2018 – Sept 2018
<ul style="list-style-type: none"> Designed the front end of the Ejisu-Akyawkrom branch of the commission’s website Implemented and developed the designed front end of the commission’s website. 	

Ghana Education Service	Ashanti region-Ghana
Teacher	Sept 2012 – Aug 2015
<ul style="list-style-type: none"> I was responsible for teaching Junior High Students computer hardware, computer software, internet usage, word application, and spreadsheet data analysis. I was responsible for evaluating learners computing knowledge and skills through assignments, exercises, project work, and examinations. 	

ONLINE COURSES ON COURSERA

University of Michigan	Ann Arbor, Michigan
Programming for everybody (getting started with Python)	June 2021 – July 2021
Web Application Technologies and Django	June 2023
University of Illinois	Urbana-Champaign
Data Visualization	June 2021 – July 2021
DeepLearning.AI	USA
Artificial Intelligence for Everyone	May 2023
University of Pennsylvania	USA, Pennsylvania
Introduction to Python Programming	July 2023
University of London	UK, England
Introduction to Network Security	
Microsoft	
Intro. Computers and Operating Systems and Security	Aug 2023.

RECENT SEMINARS ATTENDED VIA ZOOM

Dr. Gokul Ravi , University of Chicago	
“A Hybrid Computing Ecosystem for Practical Quantum Advantage”	Feb 2, 2023
Dr. Igor Kadota , University of Columbia	
“Wireless Networks for Future Applications: from Network Drones to Adaptive Control of Integrated Circuits”	Feb 1, 2023