

## OBENG FRANCIS

## CURRICULUM VITAE

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Website: <https://obengfrancis.github.io/view/index.html>

### RESEARCH INTEREST

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I am interested in joining a research group focusing on Human-Computer Interaction, Network Security, Software Engineering, Cybersecurity, and Artificial Intelligence.

### EDUCATION

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#### Virginia Tech. University

Blacksburg, VA, USA

Ph.D. Computer Science GPA 3.65/4.0

2023, 1st Semester.

#### University of Education

Winneba, Ghana

B.S Info. Tech. Edu. CGPA 3.67/4.0

Aug 2015 – July 2019

#### Enchi College of Education

Enchi, Ghana

Diploma in Basic Education

June 2009 – July 2012

### SKILLS

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

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

### RESEARCH LICENSES

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

### EMPLOYMENT

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#### Virginia Tech. University

Blacksburg, VA, USA

Graduate Teaching Assistant (CS 5254, CS5244)

Present, 2023.

- Grading student's projects in Mobile and Web Application Development.
- Reporting on students' graded assignments and projects.

**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

- 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

- 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**

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**University of Michigan**

Ann Arbor, Michigan

Programming for everybody (getting started with Python)

June 2021 – July 2021

**University of Illinois**

Urbana-Champaign

Data Visualization

June 2021 – July 2021

**RECENT SEMINARS ATTENDED VIA ZOOM**

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Mai ElSherief

Feb 20, 2023

Moderating a Brave New World: Identifying Emerging Disorders in Online Media Ecosystems

**Yixuan (Janice) Zhang**, Georgia Tech

Seminar: The Rise &amp; Fall of Online Trust

Feb 16, 2023

**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

**Dr. Narges Mahyar**, University of Massachusetts Amherst

“Human-Centered Computing for Address Complex Sociotechnical Problems”

Jan 31, 2023

**Dr. Zongchen Chen**, MIT.

“Sampling from Graphical Models via Spectral Independence”

Jan 30, 2023