

# Francis E.K. Osei

📍 Ghana    ✉ oseifek@gmail.com    ☎ +233 24 340 1675

## Profile

---

Francis E.K. Osei is a 24 year old emerging science writer and explorer independently exploring ideas in theoretical physics, philosophy and cosmology. His background is rooted in self study rather than a formal education in these fields just as Srinivasa Ramanujan.

## Education

---

**Mfantsipim School**

*General Science*

*Sept 2016 – July 2019*

**University of Ghana**

*Medicine and Surgery*

*In progress*

## Publications

---

**The Mathematics Of a Heartbeat**

March 2023

<https://tomrocksmaths.com/wp-content/uploads/2023/06/the-mathematics-of-a-heartbeat.pdf> [🔗](#)

## Website Publications

---

**Multieternalism**

June 2025

<https://tomrocksmaths.com/wp-content/uploads/2023/06/the-mathematics-of-a-heartbeat.pdf> [🔗](#)

**thatswhatido (game)**

2020

<https://fran-c.itch.io/thatswhatido> [🔗](#)

**The square (A game)**

2020

<https://fran-c.itch.io/the-square> [🔗](#)

## Skills

---

**L<sup>A</sup>T<sub>E</sub>X**

**Independent Learning**

**Writing**

**Research**

**Scientific Programming**

## Technologies

---

**Languages:** html, CSS, C#, python

**Technologies:** Unity, Spyder

## Interests

---

**Theoretical physics:** Quantum Field theory, General Relativity, Quantum Gravity

**Philosophy** Philosophy of science, Metaphysics: Time and Space

**Cosmology** Big bang singularities, Dark matter, Dark energy, Creation of the universe and its contents.

**Mathematics** Theoretical Physics

**Theology** Christian apologetics, The life of Christ and Source Criticism of especially the Pentateuch.

## Leadership

---

**Vice President** Catholic Students Union

*2018 - 2019*

**Deputy Financial Secretary** St. Luke Catholic Church - Korle Bu

*2022-2023*

**CCR coordinator** St. Luke Catholic Church - Korle Bu

*2022-2024*